

CITATION REPORT

List of articles citing

Superconductivity at 18 K in potassium-doped C₆₀

DOI: 10.1038/350600a0
Nature, 1991, 350, 600-601.

Source: <https://exaly.com/paper-pdf/22478964/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2379	Synthesis and crystal structure of a new molecular complex of fullerene C70, 4BNDY·3C70·4C6H6 (BNDY is binaphtho[1,8-d,e]-1,3-dithiin-2-ylidene). 1990 , 49, 102-105		2
2378	Organic superconductors--new benchmarks. 1991 , 252, 1501-8		332
2377	Unified theory of effects of vortex pinning and flux creep upon the rf surface impedance of type-II superconductors. 1991 , 67, 386-389		492
2376	Photophysical properties of solid films of fullerene, C60. <i>Journal of Physics Condensed Matter</i> , 1991 , 3, 9259-9270	1.8	79
2375	Thermoelectric power and conductivity of the alkali metal-doped bulk fullerenes, KXC60 and NaXC60. 1991 , 44, 363-368		8
2374	Phase transitions and excitation spectrum of submonolayer potassium on graphite. 1991 , 67, 1562-1565		93
2373	Superconductivity of Doped Fullerenes. 1991 , 16, 751-756		124
2372	Electronic structure of C60 within the tight-binding approximation. <i>Physical Review B</i> , 1991 , 44, 10991-10994	1.994	64
2371	Optical properties of superconducting K3C60 and insulating K6C60. <i>Physical Review B</i> , 1991 , 44, 13171-13174	1.3174	62
2370	Molecular dynamics and the phase transition in solid C60. 1991 , 67, 1886-1889		440
2369	Large infrared nonlinear optical response of C60. 1991 , 67, 1423-1425		221
2368	Infrared and Raman spectra of C60 and C70 solid films at room temperature. 1991 , 70, 5128-5130		85
2367	The structure of the c60 molecule: x-ray crystal structure determination of a twin at 110 k. 1991 , 254, 408-10		267
2366	Electron microscopy study of C60. 1991 , 59, 3108-3109		21
2365	Anomalous electrical conduction in graphite-vaporized films. 1991 , 64, 375-378		6
2364	Three-band superconductivity in K3C60 and Rb3C60. <i>Physical Review B</i> , 1991 , 44, 10414-10416	3.3	27
2363	Electronic States of KxC60: Insulating, Metallic, and Superconducting Character. 1991 , 252, 1417-9		266

2362	Photoemission Spectra and Electronic Properties of KxC60. 1991 , 252, 1419-21	153
2361	The physics of organic superconductors. 1991 , 252, 1509-14	352
2360	Organic molecular soft ferromagnetism in a fullerene c60. 1991 , 253, 301-2	1023
2359	Order and Disorder in C60 and KxC60 Multilayers: Direct Imaging with Scanning Tunneling Microscopy. 1991 , 253, 429-33	147
2358	Formation of fullerides and fullerene-based heterostructures. 1991 , 253, 646-8	58
2357	¹³ C NMR Spectroscopy of KxC60: Phase Separation, Molecular Dynamics, and Metallic Properties. 1991 , 253, 884-6	178
2356	(RbxK1-x)3C60 Superconductors: Formation of a Continuous Series of Solid Solutions. 1991 , 253, 886-8	80
2355	Superconductivity at 45 k in rb/tl codoped c60 and c60/c70 mixtures. 1991 , 254, 826-9	91
2354	Theoretical Fermi-Surface Properties and Superconducting Parameters for K3C60. 1991 , 254, 842-5	207
2353	Electronic correlation effects and superconductivity in doped fullerenes. 1991 , 254, 970-4	252
2352	Superconductivity in the fullerenes. 1991 , 254, 989-92	487
2351	Phase transformations in carbon fullerenes at high shock pressures. 1991 , 254, 1489-91	86
2350	Tunneling Spectroscopy of M3C60 Superconductors: The Energy Gap, Strong Coupling, and Superconductivity. 1991 , 254, 1619-21	59
2349	Raman Studies of Alkali-Metal Doped AxC60 Films (A = Na, K, Rb, and Cs; x = 0, 3, and 6). 1991 , 254, 1625-7	185
2348	First-principles calculation of optical properties of C60 in the fcc lattice. 1991 , 67, 2045-2048	171
2347	C60 bonding and energy-level alignment on metal and semiconductor surfaces. <i>Physical Review B</i> , 1991 , 44, 13747-13755	3-3 293
2346	Deposition and characterization of fullerene films. 1991 , 59, 2109-2111	320
2345	Ellipsometric determination of the optical constants of C60 (Buckminsterfullerene) films. 1991 , 59, 2678-2680	225

2344	ESR Study of Halogen-Doped C60. 1991 , 60, 4032-4035	18
2343	Notizen. 1991 , 39, 632-634	
2342	Solid C60. 1991 , 44, 22-29	119
2341	Separation, Detection, and UV/Visible Absorption Spectra of Fullerenes; C76, C78, and C84. 1991 , 20, 1607-1610	88
2340	Observation of Metallic Conductivity and Sharp Superconducting Transition at 19 K in Potassium-Doped Fulleride, C60, Single Crystal. 1991 , 20, 1849-1852	32
2339	Science and Application of New Carbon. 1991 , 99, 1069-1077	8
2338	Theoretical model of high-temperature superconductivity. 1991 , 80, 517-518	3
2337	NMR investigation on the CS ₂ - and benzene-grown C60 crystals. 1991 , 80, 609-612	29
2336	Hubbard theory for high-T _c superconductivity in oxides and fullerenes. 1991 , 80, 623-626	5
2335	Superconductivity and structure of alkali-doped fullerenes: K ₃ C ₆₀ and Rb ₃ C ₆₀ . 1991 , 80, 639-642	10
2334	Evolution of superconductivity of K _x C ₆₀ upon K-doping: Microwave low-field signal and ESR study. 1991 , 79, 939-946	65
2333	Resonance Raman scattering and electronic transitions in C60. 1991 , 80, 839-842	55
2332	Mechanism for superconductivity in alkali fullerides. 1991 , 80, 937-939	1
2331	Possibility of T _c enhancement with halogen doping in fulleride superconductors. 1991 , 80, 725-726	1
2330	Electronic states of core levels and valence bands for K _x C ₆₀ studied by X-ray photoelectron spectroscopy. 1991 , 181, 320-324	9
2329	Pressure dependence of the superconducting transition temperature of potassium fullerene, K _x C ₆₀ . 1991 , 178, 137-139	61
2328	On the superconductivity of K- or Rb-doped buckminsterfullerene C60. 1991 , 182, 17-24	10
2327	High-T _c superconductivity in potassium-doped fullerene, K _x C ₆₀ , via coupled C60 (p _h) cluster molecular orbitals and dynamic Jahn-Teller coupling. 1991 , 183, 319-323	46

2326	New high-T _c benchmarks for organic and fullerene superconductors. 1991 , 185-189, 355-359	8
2325	Superconductivity in alkali metal fullerides. 1991 , 185-189, 403-408	24
2324	Microwave low-field absorption and ESR in K _x (C ₆₀) _{1-x} (C ₇₀) _y and K _x C ₇₀ . 1991 , 185-189, 411-412	24
2323	Electronic properties of C ₆₀ and alkali metal doped C ₆₀ thin films or single crystals. 1991 , 185-189, 413-414	6
2322	Photoemission study of C ₆₀ and its alkali-metal compounds. 1991 , 185-189, 417-418	23
2321	Role of the valley degeneracy in the plasmon mechanism of superconductivity and its implication to the alkali-metal-doped fullerene A _x C ₆₀ . 1991 , 185-189, 419-420	2
2320	Electronic structures of superconducting ionic metal K _x C ₆₀ . 1991 , 185-189, 421-422	10
2319	Calorimetric observation of a structural phase transition at elevated temperatures in single crystal C ₆₀ . 1991 , 185-189, 425-426	11
2318	Observation of superconducting phase growth in C ₆₀ K _x by magnetic susceptibility. 1991 , 185-189, 429-430	2
2317	Superconductivity and valence bond order. 1991 , 185-189, 727-728	1
2316	A non-fullerene form of C ₆₀ and layered metal-doped C ₆₀ solid. 1991 , 160, 392-396	13
2315	Ultrafast photoinduced electron transfer to C ₆₀ . 1991 , 185, 179-183	195
2314	Picosecond and nanosecond studies of the excited state properties of C ₇₀ . 1991 , 185, 189-192	87
2313	Photoconductivity in solid films of C ₆₀ /C ₇₀ . 1991 , 186, 281-283	76
2312	Electrical conductivity studies of undoped solid films of C ₆₀ /C ₇₀ . 1991 , 186, 284-286	92
2311	Superconductivity and NMR investigations of K _{1.5} -doped C ₆₀ . 1991 , 85, 1-2	12
2310	Normal state magnetism of the high T _c cuprate superconductors. 1991 , 100, 218-240	84
2309	Pressure Dependence of Superconductivity in Single-Phase K ₃ C ₆₀ . 1991 , 252, 1829-31	174

2308	Sooty superconductors. <i>Nature</i> , 1991 , 350, 557-558	50.4	10
2307	Effects of pressure and stress on C60 fullerite to 20 GPa. <i>Nature</i> , 1991 , 351, 380-382	50.4	329
2306	Structure and bonding in alkali-metal-doped C60. <i>Nature</i> , 1991 , 351, 462-464	50.4	333
2305	Cagey carbon conundrums. <i>Nature</i> , 1991 , 351, 602-603	50.4	17
2304	Structure of single-phase superconducting K3C60. <i>Nature</i> , 1991 , 351, 632-634	50.4	676
2303	Superconductivity at 33 K in CsxRbyC60. <i>Nature</i> , 1991 , 352, 222-223	50.4	833
2302	Superconductivity at 30 K in caesium-doped C60. <i>Nature</i> , 1991 , 352, 223-225	50.4	207
2301	An unconventional family tree. <i>Nature</i> , 1991 , 352, 472-473	50.4	14
2300	Fullerenes from coal. <i>Nature</i> , 1991 , 352, 480-480	50.4	66
2299	Electronic states and phases of KxC60 from photoemission and X-ray absorption spectroscopy. <i>Nature</i> , 1991 , 352, 603-605	50.4	233
2298	Magnetic-field penetration depth in K3C60 measured by muon spin relaxation. <i>Nature</i> , 1991 , 352, 605-607	50.4	206
2297	Preparation and structure of the alkali-metal fulleride A4C60. <i>Nature</i> , 1991 , 352, 701-703	50.4	294
2296	Laying down organic metals. <i>Nature</i> , 1991 , 352, 760-761	50.4	
2295	Relation of structure and superconducting transition temperatures in A3C60. <i>Nature</i> , 1991 , 352, 787-788	50.4	499
2294	The superconducting energy gap of Rb3C60. <i>Nature</i> , 1991 , 353, 333-335	50.4	107
2293	Vibrational spectroscopy of superconducting K3C60 by inelastic neutron scattering. <i>Nature</i> , 1991 , 354, 462-463	50.4	127
2292	Electronic structure of pure and K-doped C60 clusters. 1991 , 184, 418-422		26
2291	Transmission electron microscopy of chromatographically purified solid state C60 and C70. 1991 , 185, 75-81		56

2290	ESR and optical studies of the radical anion of C ₆₀ . 1991 , 186, 35-39		124
2289	3:1 Molecular Complex of Hydroquinone and C ₆₀ . 1991 , 74, 1339-1351		93
2288	C ₆₀ : From Soot to Superconductors. 1991 , 103, 695-697		18
2287	Endohedrale Clusterverbindungen: Einbau von Helium in C- und C-Fullerene durch Kollisionsexperimente. 1991 , 103, 898-900		51
2286	Molecular materials IV. Buckminsterfullerene – molecular material for the future?. 1991 , 3, 262-265		32
2285	Comments on a novel approach to the role of chirality in the origin of life. 1991 , 3, 389-392		27
2284	Rb ₃ C ₆₀ seen as a further example of chemical –negative-U– high temperature superconductivity. 1991 , 182, 1-10		24
2283	Occupied and unoccupied electronic states of solid C ₇₀ with comparison to C ₆₀ . 1991 , 184, 423-427		48
2282	Structural proposals for endohedral metal–fullerene complexes. 1991 , 187, 1-7		78
2281	The impact of the BCS theory of superconductivity. 1991 , 4, 321-325		
2280	Lattice and Electronic Structures of Undoped and Doped C ₆₀ Molecules by the Extended Su-Schrieffer-Heeger Model. 1991 , 60, 4001-4004		71
2279	Electroluminescence from Visible to Near-Infrared Spectral Range in Buckminsterfullerene Diode. <i>Japanese Journal of Applied Physics</i> , 1991 , 30, L2104-L2106	1.4	27
2278	Optical Second- and Third-Harmonic Generations in C ₆₀ Film. <i>Japanese Journal of Applied Physics</i> , 1991 , 30, L1397-L1398	1.4	122
2277	Experimental Determination of the Electronic Structure of Solid C ₆₀ ; Evidence for Extended Solidlike Electronic States. 1991 , 16, 437-442		10
2276	Fermi Surfaces of Alkali-Metal-Doped C ₆₀ Solid. <i>Japanese Journal of Applied Physics</i> , 1991 , 30, L2036-L2038		20
2275	Reactivity of C ₆₀ in pure oxygen. 1991 , 59, 2956-2958		70
2274	Electronic and geometric structures of C ₇₀ . <i>Physical Review B</i> , 1991 , 44, 11532-11535	3.3	107
2273	Anomalous electron-lattice coupling in C ₆₀ . <i>Physical Review B</i> , 1991 , 44, 10998-11000	3.3	32

2272	Ionic metal KxC60: Cohesion and energy bands. <i>Physical Review B</i> , 1991 , 44, 11536-11539	3.3	99
2271	Attractive interaction and superconductivity for K3C60. 1991 , 67, 3452-3455		159
2270	Critical magnetic fields in the superconducting state of K3C60. 1991 , 67, 271-274		168
2269	Doubly charged negative ions of carbon-60. 1991 , 67, 1242-1245		192
2268	Superconductivity at 28 K in RbxC60. 1991 , 66, 2830-2832		790
2267	Electronic structure of crystalline K6C60. 1991 , 67, 1610-1613		120
2266	Van der Waals Epitaxial Growth of C60Film on a Cleaved Face of MoS2. <i>Japanese Journal of Applied Physics</i> , 1991 , 30, L1892-L1894	1.4	100
2265	The structure of K3C60 and the mechanism of superconductivity. 1991 , 88, 9208-9		7
2264	X-Ray Emission Spectrum of Solid C60. 1991 , 60, 2518-2521		31
2263	Photoemission Evidence for Dilute K-doped Phase K x C 60 with x . <i>Chinese Physics Letters</i> , 1992 , 9, 483-488		488
2262	Field Ion-Scanning Tunneling Microscopy Study of C60on the Si(100) Surface. <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L880-L883	1.4	135
2261	Positron states in fullerites and other carbon phases. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, L149-L156		34
2260	A possible interaction between nonalkali metals and C60thin films. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, L513-L514	1.8	9
2259	Dispersion of the Third-Order Nonlinear Optical Susceptibility in C60Calculated with a Tight-Binding Model. <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L887-L889	1.4	39
2258	Adsorption of Oxygen on K x C 60 Studied by Photoelectron Spectroscopy. <i>Chinese Physics Letters</i> , 1992 , 9, 317-320	1.8	1
2257	Electrical Conductivity and ESR Spectrum of Buckminsterfullerene-Doped Poly(3-alkylthiophene). <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L890-L893	1.4	64
2256	Layer Structure of Doped C 60. <i>Chinese Physics Letters</i> , 1992 , 9, 541-544	1.8	15
2255	Scanning Tunneling Microscopy of C60on the Si(111)7×7 Surface. <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L983-L986	1.4	140

2254	Main Features of Electronic States of Fullerene. <i>Chinese Physics Letters</i> , 1992 , 9, 86-89	1.8	
2253	Positron states in C ₆₀ and potassium-doped C ₆₀ crystals. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, L169-L177	1.8	19
2252	Theory of Nonadiabatic Superconductivity. 1992 , 18, 627-633		82
2251	Magnetic Properties of Superconducting Rb ₃ C ₆₀ . 1992 , 17, 175-179		36
2250	Interactions, Pair Binding and Ferromagnetism on Spherical Molecules. 1992 , 19, 103-108		9
2249	Magnetic Susceptibility and X-Ray Diffraction Studies on the Growth and Disappearance Processes of the Superconducting Phase in C ₆₀ K _x . <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L1051-L1053	1.4	2
2248	Neutron Spectroscopy and Electron-Phonon Coupling in Alkali-Metal-Doped Fullerides. 1992 , 19, 629-635		64
2247	Investigations on Superconducting RbTl _{1.5} -Doped Fullerene. 1992 , 17, 419-422		11
2246	Discussion of Solid C ₆₀ Upon Lennard-Jones Potential. <i>Chinese Physics Letters</i> , 1992 , 9, 471-474	1.8	1
2245	Scanning Probe Microscopic Investigation of Epitaxially Grown C ₆₀ Film on MoS ₂ . <i>Japanese Journal of Applied Physics</i> , 1992 , 31, 3680-3685	1.4	11
2244	Charge Transport and Superconducting Transitions in C ₆₀ Single Crystals and Thin Films Doped with Rubidium. <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L166-L168	1.4	17
2243	Electronic structure of fullerenes and fullerides: artificial atoms and their solids. <i>Nanotechnology</i> , 1992 , 3, 167-172	3.4	1
2242	Neutron-scattering study of C ₆₀ ⁿ⁻ (n=3,6) librations in alkali-metal fullerides. <i>Physical Review B</i> , 1992 , 46, 12088-12091	3.3	69
2241	Pressure and field dependence of superconductivity in Rb ₃ C ₆₀ . 1992 , 68, 1228-1231		177
2240	Ground state and phase transitions in solid C ₆₀ . 1992 , 68, 1551-1554		261
2239	Molecular orientational dynamics in K ₃ C ₆₀ probed by two-dimensional nuclear magnetic resonance. 1992 , 69, 3754-3757		47
2238	Electronic carrier transport and photogeneration in buckminsterfullerene films. 1992 , 61, 1829-1831		32
2237	Phase separation in K _x C ₆₀ (0 < x < 3). <i>Physical Review B</i> , 1992 , 45, 13841-13844	3.3	83

2236	Effects of static screening on correlation-induced superconductivity in M3C60. <i>Physical Review B</i> , 1992 , 46, 603-606	3-3	16
2235	Polaron formation in one-dimensional quasiperiodic systems. 1992 , 68, 2370-2373		20
2234	Specific-heat jump at T _c and normal-state magnetic susceptibility of A3C60. 1992 , 69, 1687-1690		139
2233	Optical transitions of C60 films in the visible and ultraviolet from spectroscopic ellipsometry. <i>Physical Review B</i> , 1992 , 46, 4963-4968	3-3	102
2232	Electron-phonon coupling strength and implications for superconductivity in alkali-metal-doped fullerenes. <i>Physical Review B</i> , 1992 , 45, 2597-2600	3-3	81
2231	Evidence for endohedral muonium in K _x C60 and consequences for electronic structure. 1992 , 69, 2005-2008		121
2230	Gap reduction and the collapse of solid C60 to a new phase of carbon under pressure. 1992 , 69, 466-469		113
2229	Raman study of vibrational properties in solid C60. <i>Physical Review B</i> , 1992 , 45, 11437-11440	3-3	20
2228	Electronic transport properties of K3C60 films. 1992 , 68, 1054-1057		126
2227	Measurements of the upper critical field of K3C60 and Rb3C60 powders to 60 T. <i>Physical Review B</i> , 1992 , 46, 14936-14939	3-3	26
2226	Local intermolecular correlations in C60. <i>Physical Review B</i> , 1992 , 45, 9517-9520	3-3	45
2225	Force-constant model for the vibrational modes in C60. <i>Physical Review B</i> , 1992 , 45, 13685-13689	3-3	111
2224	Coulomb integrals and model Hamiltonians for C60. <i>Physical Review B</i> , 1992 , 46, 13647-13650	3-3	100
2223	Parity doublets and the pairing mechanism in C60. <i>Physical Review B</i> , 1992 , 46, 14150-14173	3-3	58
2222	Variations of electron-phonon coupling in alkali-metal-C60 solid solutions. <i>Physical Review B</i> , 1992 , 46, 3696-3699	3-3	30
2221	Application of the Gutzwiller method to neutral and ionic C60 aggregates. <i>Physical Review B</i> , 1992 , 45, 12077-12080	3-3	21
2220	Mode softening and mode stiffening in C60 doped with alkali metals. <i>Physical Review B</i> , 1992 , 45, 6914-6918	3-3	47
2219	Coupling strength in superconducting fullerenes. <i>Physical Review B</i> , 1992 , 46, 14883-14885	3-3	7

2218	Superconductivity in graphite intercalation compounds. <i>Physical Review B</i> , 1992 , 45, 12465-12469	3-3	37
2217	Evidence of upper-critical-field enhancement in K ₃ C ₆₀ powders. <i>Physical Review B</i> , 1992 , 46, 5876-5879	3-3	46
2216	C ₆₀ : Interacting electrons on a spherical molecule. <i>Physical Review B</i> , 1992 , 46, 331-341	3-3	27
2215	Bound-state formation on a spherical shell: A model for superconductivity of alkali-metal-doped C ₆₀ . <i>Physical Review B</i> , 1992 , 45, 8213-8215	3-3	6
2214	Insensitivity of Rb ₃ C ₆₀ to γ -radiation. 1992 , 61, 1850-1851		
2213	Magnetic behavior and structure of the halogen-doped fullerene C ₆₀ . 1992 , 72, 5448-5450		14
2212	Band structures, density of states, and Fermi surfaces of K _x C ₆₀ , x=1,2,3,6. 1992 , 96, 1648-1650		30
2211	Pair binding in small Hubbard-model molecules. <i>Physical Review B</i> , 1992 , 45, 5062-5065	3-3	59
2210	Electronic structure of neutral and charged C ₆₀ clusters. <i>Physical Review B</i> , 1992 , 45, 13671-13675	3-3	78
2209	Structural and electronic properties of KnC ₆₀ . <i>Physical Review B</i> , 1992 , 46, 1766-1772	3-3	102
2208	Electronic structure of C _x C ₆₀ fullerides. <i>Physical Review B</i> , 1992 , 46, 7961-7964	3-3	47
2207	Correlations for the S=1/2 antiferromagnet on a truncated tetrahedron. <i>Physical Review B</i> , 1992 , 46, 12717-12722	3-3	11
2206	Phonon modes in graphite, C ₆₀ , and C ₆₀ -based fibers. <i>Physical Review B</i> , 1992 , 45, 11305-11311	3-3	22
2205	Correlated electronic ground state of the molecule C ₆₀ . <i>Physical Review B</i> , 1992 , 45, 13703-13708	3-3	8
2204	Infrared spectroscopy through the orientational phase transition in fullerene films. <i>Physical Review B</i> , 1992 , 46, 2591-2594	3-3	43
2203	Calculation of the superconducting critical temperature in doped fullerenes. <i>Physical Review B</i> , 1992 , 46, 11993-12000	3-3	20
2202	Conduction-band structure of alkali-metal-doped C ₆₀ . <i>Physical Review B</i> , 1992 , 46, 1773-1793	3-3	224
2201	C ₆₀ and C ₇₀ fullerenes and potassium fullerides. <i>Physical Review B</i> , 1992 , 45, 6899-6913	3-3	233

2200	Charge-induced asymmetric phonon broadening in C ₆₀ . <i>Physical Review B</i> , 1992 , 45, 10169-10172	3.3	10
2199	Raman scattering in C ₆₀ and alkali-metal-doped C ₆₀ films. <i>Physical Review B</i> , 1992 , 45, 1955-1958	3.3	107
2198	Optical vibrations on microscopic rings in a magnetic field. <i>Physical Review B</i> , 1992 , 46, 7674-7681	3.3	6
2197	Novel Molecular System C ₆₀ : Fullerites and Fullerides. 1992 , 218, 297-298		1
2196	Raman scattering in C ₆₀ and alkali-metal-saturated C ₆₀ . <i>Physical Review B</i> , 1992 , 46, 2595-2605	3.3	99
2195	Temperature dependence of photoconductivity in buckminsterfullerene films. 1992 , 60, 1735-1737		43
2194	Electronic structure of K _x C ₆₀ in the gas phase. 1992 , 96, 4028-4031		38
2193	Magnetic properties of undoped C ₆₀ . 1992 , 69, 176-179		58
2192	Pseudo-gap at the Fermi level in K ₃ C ₆₀ observed by photoemission and inverse photoemission. 1992 , 68, 1232-1235		207
2191	Doping-induced distortions and bonding in K ₆ C ₆₀ and Rb ₆ C ₆₀ . 1992 , 68, 823-826		57
2190	Raman scattering and electron-phonon coupling in Rb _x C ₆₀ . 1992 , 68, 883-886		155
2189	Isotope effect in superconducting Rb ₃ C ₆₀ . 1992 , 68, 1058-1060		164
2188	Electronic properties of normal and superconducting alkali fullerides probed by ¹³ C nuclear magnetic resonance. 1992 , 68, 1912-1915		212
2187	Realization of negative-U superconductivity in a class of purely repulsive systems: Interacting carrier and insulating bands. 1992 , 69, 3820-3823		18
2186	Electronic structure of alkali metal doped C ₆₀ derived from thermoelectric power measurements. 1992 , 69, 3797-3799		56
2185	Transmission electron diffraction of the ordering transformation in crystalline C ₆₀ . <i>Physical Review B</i> , 1992 , 45, 11366-11369	3.3	20
2184	Electronic structures of K ₃ C ₆₀ , RbK ₂ C ₆₀ , Rb ₂ KC ₆₀ , Rb ₃ C ₆₀ , Rb ₂ CsC ₆₀ , and Cs ₃ C ₆₀ crystals. <i>Physical Review B</i> , 1992 , 46, 6572-6577	3.3	40
2183	Dark and photoconductivity behavior of C ₆₀ thin films sandwiched with metal electrodes. 1992 , 61, 575-576		90

2182	Thomas-Fermi model for the C60 molecule. 1992 , 46, 4048-4050		13
2181	Effect of Coulomb interaction on the formation of Cooper pairs in superconducting systems. <i>Physical Review B</i> , 1992 , 46, 3684-3687	3-3	2
2180	Fullerides of alkaline-earth metals. <i>Physical Review B</i> , 1992 , 45, 8845-8848	3-3	74
2179	Quantitative theory of superconductivity in doped C60. <i>Physical Review B</i> , 1992 , 45, 5114-5117	3-3	76
2178	High sensitivity of the positron-density distribution to the K doping in C60. <i>Physical Review B</i> , 1992 , 46, 2644-2647	3-3	20
2177	Upper-critical-field-temperature phase diagram of alkali-metal-intercalated C60 superconductors. <i>Physical Review B</i> , 1992 , 46, 5880-5882	3-3	32
2176	Raman-scattering studies of homogeneous K3C60 films. <i>Physical Review B</i> , 1992 , 45, 10838-10840	3-3	55
2175	Electronic structure and nonlinear optical properties of the fullerenes C60 and C70: A valence-effective-Hamiltonian study. <i>Physical Review B</i> , 1992 , 46, 16135-16141	3-3	69
2174	Far-infrared transmission of superconducting KxC60 films. <i>Physical Review B</i> , 1992 , 45, 10165-10168	3-3	21
2173	Scanning-tunneling-microscopy and spectroscopy studies of C70 thin films on gold substrates. <i>Physical Review B</i> , 1992 , 45, 14411-14414	3-3	19
2172	Electronic structure of gamma -C. <i>Physical Review B</i> , 1992 , 46, 7179-7181	3-3	5
2171	Electronic structures of solid BC59. <i>Physical Review B</i> , 1992 , 46, 1749-1753	3-3	47
2170	Femtosecond pump-probe investigation of electron dynamics in solid C60 films. <i>Physical Review B</i> , 1992 , 46, 7329-7332	3-3	41
2169	Metallic and insulating phases of LixC60, NaxC60, and RbxC60. <i>Physical Review B</i> , 1992 , 45, 6348-6351	3-3	91
2168	Theoretical normal-state transport properties of K3C60. <i>Physical Review B</i> , 1992 , 46, 14257-14260	3-3	25
2167	Superconductivity Mechanisms in Doped C 60. 1992 , 17, 365-371		51
2166	Imaging of molecules, lattice and lattice defects in C60C70 fullerenes by high-resolution electron microscopy. 1992 , 65, 283-289		13
2165	Identification of a growth defect in solid C60 by electron diffraction. 1992 , 7, 335-340		52

- 2164 Synchrotron radiation at the NSLS plays a key role in characterizing buckminsterfullerenes. **1992**, 5, 9-12
- 2163 Ab initio calculations of the structure and dynamics of C₆₀ and C₃₁60. **1992**, 65, 291-298 15
- 2162 Crystal Structure of Buckminsterfullerene (C₆₀) Incorporated by a U-Shaped Twin Donor. **1992**, 21, 1049-1052 64
- 2161 Superconductivity in Doped Fullerenes. **1992**, 45, 26-32 128
- 2160 Superconductivity in doped C₆₀: Importance of interband pair delocalization. **1992**, 65, 1419-1424 1
- 2159 Synthesis of Fullerols as Polyhydroxylated Fullerene Derivatives. **1992**, 247, 285 9
- 2158 Superconductive Properties of Cs_xRb_yC₆₀ (33K) - Isotope Effect -. **1992**, 247, 311
- 2157 Physical Properties of Superconducting and Ferromagnetic Materials Based on C₆₀. **1992**, 247, 315 8
- 2156 Structures and Properties of C₆₀ & C₇₀ Thin Films Fabricated by Organic MBE. **1992**, 247, 321 4
- 2155 Synthesis of AC₆₀-Para-Xylylene Copolymer. **1992**, 247, 355
- 2154 Optical Properties of C₆₀ and M₆C₆₀ (M=K, Rb, Cs) films. **1992**, 247, 367
- 2153 In Situ Photoconductive Study of C₆₀ and Phthalocyanine Thin Films. **1992**, 247, 399 1
- 2152 Syntheses and Properties of k-Phase Organic Superconductors. **1992**, 247, 471 1
- 2151 Fullerenes Doped with Thallium Alloys. **1992**, 270, 135 2
- 2150 Electronic Structure of Doped Buckminsterfullerene. **1992**, 270, 141 4
- 2149 Neutron Spectroscopy of Superconducting Fullerides. **1992**, 270, 185 1
- 2148 Temperature Dependent Structural Studies of K- and RB- Doped C₆₀. **1992**, 270, 191 1
- 2147 The Preparation of C₆₀/C₇₀ and the Characterization by Different Techniques. **1992**, 270, 293

2146	Festkörper aus C ₆₀ -Molekülen: Eine neue Klasse von Hochtemperatur-Supraleitern. 1992 , 48, 11-15		7
2145	Structure and properties of superconducting and nonsuperconducting alkali-metal fullerenes AxC ₆₀ (A = Na, K, Rb, or Cs). 1992 , 59, 389-397		1
2144	The insulator-to-metal transition in Si-Na clathrate compounds: A search for superconductivity. 1992 , 65, 1445-1450		81
2143	¹³ C-NMR in Iodine and Potassium Intercalated C ₆₀ Solid. 1992 , 61, 2212-2215		22
2142	p-type doping of C ₆₀ films. 1992 , 51, 103-108		7
2141	Symmetry for lattice modes in C ₆₀ and alkali-metal-doped C ₆₀ . <i>Physical Review B</i> , 1992 , 45, 6923-6930	3-3	120
2140	Molecular-dynamics investigation of orientational freezing in solid C ₆₀ . <i>Physical Review B</i> , 1992 , 45, 1889-1895	3-3	106
2139	Band gap, excitons, and Coulomb interaction in solid C ₆₀ . 1992 , 68, 3924-3927		688
2138	Structure of Rb:C ₆₀ compounds. <i>Physical Review B</i> , 1992 , 45, 543-546	3-3	111
2137	Positron annihilation in C ₆₀ . <i>Physical Review B</i> , 1992 , 45, 12126-12129	3-3	33
2136	A stable fullerene charge-transfer complex in the solid state: HMTTEF@C ₆₀ . 1992 , 1747-1748		34
2135	Electrical resistivity and stoichiometry of alkali-doped C ₆₀ films. 1992 , 255, 184-6		106
2134	Ti ₈ C ₁₂ ⁺ -Metallo-Carbohedrenes: A New Class of Molecular Clusters?. 1992 , 255, 1411-3		505
2133	Electronic structures, total energies, and optical properties of alpha-rhombohedral B ₁₂ and alpha-tetragonal B ₅₀ crystals. <i>Physical Review B</i> , 1992 , 45, 5895-5905	3-3	46
2132	Microwave Spectroscopy of Fullerene-Based Molecular Superconductors in Low Magnetic Field: M _x C ₆₀ (M _x = K, Rb, I ₂ , Ga, In), M _x C _n (n = 70, 76, 78, 84, 90) and M _x (C ₆₀) _{1-y} (C ₇₀) _y (M _x = K, Rb). 1992 , 218, 299-306		22
2131	Electronic structure of the transition-metal-carbene-like complexes (CO) ₅ Mo-M'H ₂ (M' = carbon, silicon, germanium and tin). A theoretical study based on ab initio CAS-SCF calculations. 1992 , 114, 2903-2909		40
2130	Metallic reflection spectra of K ₃ C ₆₀ . 1992 , 69, 2284-2287		53
2129	Electrodynamical response of Rb ₃ C ₆₀ . <i>Physical Review B</i> , 1992 , 46, 11250-11253	3-3	42

2128	Giant vibrational resonances in A6C60 compounds. <i>Physical Review B</i> , 1992 , 46, 1937-1940	3.3	90
2127	Interband dielectric function of C60 and M6C60 (M=K,Rb,Cs). <i>Physical Review B</i> , 1992 , 45, 14396-14399	3.3	61
2126	Electronic Structure Studies of Undoped and n-Type Doped Fullerene C 60. 1992 , 17, 51-55		104
2125	Lattice phonon modes in solid C60 studied by far-infrared spectroscopy. 1992 , 69, 2666-2669		36
2124	Lattice distortion and energy-level structures in doped C60 and C70 molecules studied with the extended Su-Schrieffer-Heeger model: Polaron excitations and optical absorption. <i>Physical Review B</i> , 1992 , 45, 13676-13684	3.3	100
2123	Adiabatic and nonadiabatic electron-intramolecular-vibration couplings and superconductivity in fullerenes. <i>Physical Review B</i> , 1992 , 46, 1265-1268	3.3	52
2122	Electronic and geometric structures of C76 and C84. <i>Physical Review B</i> , 1992 , 45, 13845-13848	3.3	42
2121	Buckminsterfullerene C60 π surface with curvature and interesting properties. 1992 , 269-270, 1121-1128		20
2120	Spectroscopic investigations of fullerene in the solid state. 1992 , 51, 257-265		15
2119	Electron-Phonon Coupling in Superconducting Alkali-Metal Doped Fullerenes. 1992 , 270, 161		
2118	Dielectric function of solid C70 films. 1992 , 61, 124-126		68
2117	Microwave study of superconductivity in alkali-metal-doped fullerene C60 films. 1992 , 114, 1996-2001		55
2116	On the tight-binding theory of C60. 1992 , 49, 175-179		2
2115	Electronic structure, conductivity and superconductivity of alkali metal doped (C60). 1992 , 25, 127-133		477
2114	Structural and electronic properties of C60. <i>Physical Review B</i> , 1992 , 46, 1754-1765	3.3	253
2113	Superconductivity in doped fullerenes. 1992 , 295-315		4
2112	Heterofullerenes: structure and property predictions, possible uses and synthesis proposals. 1992 , 6, 521-35		33
2111	Superconductivity of Fullerenes Doped with Alkali Metals. 1992 , 172, 387-393		2

2110	Fullerite [Neue Modifikationen des Kohlenstoffs. 1992 , 23, 105-110		6
2109	Influence of oxygen and excitation wavelength on C60 film fluorescence. 1992 , 57, 882-885		
2108	Superconducting state in M3C60: Strong vs. weak coupling. 1992 , 5, 297-300		2
2107	Electron paramagnetic resonance studies of lanthanum-containing C82. <i>Nature</i> , 1992 , 355, 239-240	50.4	396
2106	Lattice structure of the fullerene ferromagnet TDAE-C60. <i>Nature</i> , 1992 , 355, 331-332	50.4	282
2105	Superconductivity at 8.4 K in calcium-doped C60. <i>Nature</i> , 1992 , 355, 529-532	50.4	275
2104	Infrared reflectivity measurements of a superconducting energy scale in Rb3C60. <i>Nature</i> , 1992 , 355, 532-534	50.4	81
2103	Isotope effect on superconductivity in Rb3C60. <i>Nature</i> , 1992 , 355, 620-622	50.4	100
2102	Structural and electronic properties of sodium-intercalated C60. <i>Nature</i> , 1992 , 356, 416-418	50.4	254
2101	Superconductivity in sodium-and lithium-containing alkali-metal fullerenes. <i>Nature</i> , 1992 , 356, 419-421	50.4	230
2100	Superconductivity in barium fulleride. <i>Nature</i> , 1992 , 360, 566-568	50.4	146
2099	On the structures, stabilities and fragmentation patterns of carbon clusters including Buckminsterfullerene. 1992 , 198-200, 133-138		4
2098	Mass spectrometry and fullerenes. 1992 , 3, 268-80		63
2097	Characterization of fullerenes by laser-based mass spectrometry. 1992 , 43, 381-385		20
2096	Electronic structure of Sn-doped C60 film. 1992 , 84, 793-798		7
2095	Thermal decomposition of C60. 1992 , 84, 823-826		72
2094	Electrical resistance of iodine-doped C60 under high pressure. 1992 , 82, 605-607		11
2093	¹³³ Cs NMR in C60 superconductors: Cs _x Rb _{3-x} C60(x=1,2). 1992 , 82, 783-785		30

2092	129I-Mössbauer study of iodine-doped C60. 1992 , 84, 505-509	11
2091	Superconductivity in Sn-doped C60. 1992 , 82, 167-170	8
2090	Bond polarization mechanism for the superconductivity of doped C60 systems. 1992 , 83, 291-294	2
2089	Linear dependence of superconducting transition temperature on Fermi-level density-of-states in alkali-doped C60. 1992 , 82, 41-45	103
2088	ESR and low-field microwave absorption studies of potassium doped C70: observation of possible metallic state in KxC70. 1992 , 84, 1019-1024	16
2087	Low energy electronic excitations and Fano resonance in K doped C60 from Raman scattering excited at 1.16 eV. 1992 , 81, 257-260	21
2086	Steady state photoconductive response of C60/C70 films. 1992 , 81, 261-264	53
2085	Carbon nanocluster composites: Synthesis, characterization and expectations. 1992 , 81, 853-857	7
2084	Electronic transitions in KxC60 (0 ≤ x ≤ 6) from in situ absorption spectroscopy. 1992 , 81, 859-862	67
2083	Pressure-induced shift of the photoluminescence band in single crystals of buckminster fullerene C60 and its implications for superconductivity in doped samples. 1992 , 81, 89-92	30
2082	X-ray diffraction study of iodine-doped C60. 1992 , 81, 93-95	41
2081	A model of superconductivity in alkali-metal-carbon compounds. 1992 , 81, 509-512	
2080	Doping effect of buckminsterfullerene in conducting polymer: Change of absorption spectrum and quenching of luminescence. 1992 , 82, 249-252	440
2079	Electron spin resonance in RbxC60 compounds observed at transition from superconducting to normal state. 1992 , 84, 1111-1113	10
2078	Site selective behavior of alkali metals in binary doped C60. 1992 , 82, 979-982	23
2077	Halogen doping in solid C60. 1992 , 82, 437-441	26
2076	Potassium-doped fullerene K _x C60 with X = 0, 1, 2, 3, 4, and 6. 1992 , 84, 935-938	184
2075	Infrared study of the metal-insulator transition in the organic conductor K-(BEDT-TTF) ₂ Cu[N(CN) ₂]Cl. 1992 , 81, 343-349	61

2074	Ginzburg-Landau analysis of superconducting K3C60. 1992 , 81, 935-938	19
2073	Electronic structure of calcium-doped C60. 1992 , 83, 107-110	66
2072	Anomalous $1/\rho$ hoise spectrum of potassium-doped bulk C60 and C70 in both the normal and superconducting transition region. 1992 , 83, 133-137	1
2071	Study of microstructure and anomalous variation of resistivity in metal-C60 multilayer thin films. 1992 , 83, 853-855	11
2070	Superconductivity and electron spin resonance in Cs-doped C60. 1992 , 83, 883-886	10
2069	Langmuir-Blodgett films of C60. 1992 , 209, 150-152	65
2068	Scanning tunneling microscopy study of granular (MTl1.5)3C60 (M = K, Rb). 1992 , 182, 223-226	1
2067	ESR study of the electronic properties of the new organic conductors β (BEDT-TTF)2Cu[N(CN)2]X, X = Br; I. 1992 , 179, 24-34	18
2066	Electronic structure of single crystal C60. 1992 , 197, 251-260	42
2065	Structural study on C60 material. 1992 , 196, 135-140	14
2064	Possible importance of localisation effects on the superconducting transition temperatures in the alkali-metal-fullerides. 1992 , 196, 171-176	3
2063	CK β X-ray emission spectra of C60. 1992 , 195, 352-354	15
2062	Dopant isotope effect on superconductivity in Rb3C60. 1992 , 203, 163-166	31
2061	Comparative photoemission study of RbxC60, RbxC70 and RbC8. 1992 , 190, 205-209	37
2060	A theory of high-Tc superconductivity. 1992 , 190, 353-356	5
2059	Electronic structure, electron-phonon interaction and superconductivity in K3C60, Rb3C60 and Cs3C60. 1992 , 191, 399-408	52
2058	Synthesis and doping of fullerenes. 1992 , 53, 1683-1688	8
2057	Electronic structure of fullerides. 1992 , 53, 1689-1697	9

2056	Photoemission and inverse photoemission of alkali-doped C60. 1992 , 53, 1699-1705	9
2055	Structures of C60 intercalation compounds. 1992 , 53, 1373-1390	143
2054	Electronic structures of C60 fullerides and related materials. 1992 , 53, 1457-1471	80
2053	Superconductivity in alkali intercalated C60. 1992 , 53, 1473-1485	130
2052	EPR and microwave absorption of alkali metal-doped fullerene superconductors. 1992 , 269, 175-182	17
2051	Local density functional study of the structural and electronic properties of C60 and XC60 (X=K, Rb, Cs). 1992 , 160, 415-419	10
2050	Magnetic properties of TDAE-C60 and TDAE-C70. A comparative study. 1992 , 164, 221-226	94
2049	Low-field microwave absorption in high-Tc superconductors based on olygo- and polyphthalocyanines. 1992 , 162, 69-78	4
2048	Metallic islands in carbon cluster films: doping fullerenes with fullerenes. 1992 , 170, 235-238	5
2047	Enhanced isotope effect in ¹³ C-rich superconducting MxC60 (M=K, Rb): support for vibronic pairing. 1992 , 164, 355-361	51
2046	Transmission electron microscopy and electron energy loss spectroscopy of C60 fullerite. 1992 , 41, 1-9	19
2045	Buckyball-substrate interactions probed by STM and AFM. 1992 , 42-44, 610-615	19
2044	Electron energy-loss spectroscopy studies on C60 and C70 fullerite. 1992 , 86, 87-92	168
2043	Optoelectronics [past, present, and future]. 1992 , 17, 327-354	1
2042	High-Tc superconductivity's potential impact on copper. 1992 , 44, 16-19	7
2041	Madelung energies, force constants, and low energy phonon density of states for K3C60. 1992 , 82, 679-683	7
2040	Influence of charge on the geometry of C60. 1992 , 66, 277-279	8
2039	Electron Energy-Loss Spectra of Carbon Nanotubes. <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L1484-L1487	107

2038	Photoinduced electron transfer from a conducting polymer to buckminsterfullerene. 1992 , 258, 1474-6	3657
2037	Conductivity and Superconductivity in Alkali Metal Doped C60. 1992 , 71-89	11
2036	Theory and experimental evidence for superconductors with short coherence length. 1992 , 88, 249-253	13
2035	Scanning tunneling microscopy characterization of C70 thin films. 1992 , 216, 142-144	6
2034	Synthesis and characterization of alkali metal fullerides: AxC60. 1992 , 53, 1321-1332	249
2033	Optical phonon modes in solid and doped C60. 1992 , 53, 1391-1413	152
2032	Electronic structures of C60, C70 and the fullerides: Photoemission and inverse photoemission studies. 1992 , 53, 1433-1447	162
2031	Superconducting and normal state properties of the A3C60 compounds. <i>Carbon</i> , 1992 , 30, 1261-1276	10.4 62
2030	Fullerenes and fullerides in the solid state: Neutron scattering studies. <i>Carbon</i> , 1992 , 30, 1277-1286	10.4 70
2029	Electric conductivity and band gap of solid C60 under high pressure. 1992 , 189, 236-240	31
2028	Impurity states in doped fullerenes: C59B and C59N. 1992 , 190, 159-162	155
2027	Absorption spectra and electronic properties of alkali-metal-doped C60. 1992 , 192, 243-248	25
2026	The Structure of C60: Orientational Disorder in the Low-Temperature Modification of C60. 1992 , 31, 640-643	190
2025	Synthetic Approaches toward Molecular and Polymeric Carbon Allotropes. 1992 , 31, 1101-1123	513
2024	Pre-1990 evidence for the fullerene proposal. <i>Carbon</i> , 1992 , 30, 1149-1155	10.4 16
2023	Fullerenes—preparation, properties, and carbon chemistry. <i>Carbon</i> , 1992 , 30, 675-693	10.4 48
2022	A possible new highly stable fulleride cluster: Li12C60. 1992 , 198, 472-477	93
2021	Pulsed EPR on the photoexcited triplet state of C60 fullerene. 1992 , 200, 440-444	51

2020	Electron-molecular vibration interactions in undoped fullerene films. A micro-Raman study. 1992 , 199, 360-364	7
2019	Raman scattering in single crystal C60. 1992 , 198, 587-595	105
2018	Morphology and structure of graphitic soot particles generated in arc-discharge C60 production. 1992 , 198, 596-602	127
2017	Lattice distortion and energy-level structures in doped C70 by the extended SuSchriefferPeeleer model. 1992 , 189, 79-83	33
2016	Ultraviolet photoelectron spectra of C84 and KxC84. 1992 , 190, 169-173	69
2015	Structures of C60 thin films fabricated on alkali halide substrates by organic MBE. 1992 , 190, 179-183	48
2014	Temperature dependence of the lattice dynamics of Rb3C60. 1992 , 191, 92-96	26
2013	Electronic properties of bucky-tube model. 1992 , 191, 469-472	261
2012	Resonant photoemission of solid C60. 1992 , 193, 311-316	43
2011	Structure and electronic state of C80. 1992 , 193, 101-103	59
2010	Pressure-induced orientational ordering in C60 crystals as revealed by Raman spectroscopy. 1992 , 197, 319-323	33
2009	Dispersion of the third-order optical nonlinearity of C60. A third-harmonic generation study. 1992 , 197, 26-31	139
2008	Ultraviolet photoelectron spectra of C76 and KxC76. 1992 , 197, 38-43	43
2007	Fluorescence of fullerene-C70 and its quenching by long-range intermolecular electron transfer. 1992 , 194, 446-451	60
2006	Molecular structures, binding energies and electronic properties of dopyballs C59X (X=B, N and S). 1992 , 198, 95-99	110
2005	Micro-Raman spectroscopy of carbon cluster composites. 1992 , 23, 127-129	16
2004	Die Stabilität von Buckminsterfullerenen C60; Experimentelle Bestimmung der Bildungswärme. 1992 , 104, 69-70	30
2003	Die Struktur von C60: Orientierungsfehlordnung in der Tieftemperaturmodifikation von C60. 1992 , 104, 667-669	41

2002	Strategien zum Aufbau molekularer und polymerer Kohlenstoffallotrope. 1992 , 104, 1123-1146	185
2001	Optimierung der Herstellung und Trennung von Fullerenen. 1992 , 104, 1681-1683	18
2000	European action on organic superconductors. 1992 , 4, 461-463	3
1999	Quenching a transition of C60 fullerene to diamond under shock compression. <i>Carbon</i> , 1993 , 31, 1095-1098	34
1998	Mass spectrometric investigation of polyfluorinated C60. Evidence for the existence of C60F2n (n = 0-10). 1993 , 28, 860-866	15
1997	Stability of M@C60 endohedral complexes. 1993 , 208, 79-85	58
1996	Vibronic attractive interaction for superconductivity in a local model of C60. 1993 , 201, 315-320	8
1995	Lattice parameters of alkali-metal-doped C60 fullerides. 1993 , 213, 395-400	18
1994	Mobility of charge carriers in vapor-phase grown C60 single crystal. 1993 , 214, 39-44	130
1993	ESR studies of K-doped C60. 1993 , 203, 429-432	38
1992	Electrical resistivity and stoichiometry of BaxC60 films. 1993 , 203, 433-437	23
1991	Lanthanide- and actinide-based fullerite compounds: potential AxC60 superconductors?. 1993 , 203, 438-443	13
1990	Scattering of the vibrational frequencies of ¹³ C ₁₂ C ₆₀ —A Raman spectroscopy and quantum chemical study. 1993 , 211, 353-357	10
1989	Electronic structures of mono-anionized higher fullerenes. C ₇₆ , C ₇₈ , C ₈₂ and C ₈₄ . 1993 , 209, 91-98	7
1988	The vibrational contribution to the polarisability of endohedral [C ₆₀ M] _n ⁺ complexes (where M = metal atom). 1993 , 207, 332-338	32
1987	Multiplet structures of C60 ions. 1993 , 210, 159-164	24
1986	Time-resolved photoluminescence of solid state fullerenes. 1993 , 204, 461-466	32
1985	Structure and properties of Na _x C _s yC ₆₀ superconductors. 1993 , 203, 33-36	12

1984	New intercalation compounds of C ₆₀ with cesium. 1993 , 202, 506-508	12
1983	Electronic properties of the C ₆₀ molecule doped with potassium. 1993 , 202, 389-393	19
1982	Electronic structure of C ₇₀ . 1993 , 202, 394-398	24
1981	Collective charge density fluctuations and nonlinear optical response of C ₆₀ . 1993 , 216, 394-398	3
1980	ESR study of the fullerene C ₆₀ under axial and shear deformation. 1993 , 216, 63-66	2
1979	Energetics and dynamics of ionization and dissociation of fullerene carbon clusters. 1993 , 12, 261-284	82
1978	Raman spectra and electrical resistivity measurements of K _x C ₆₀ (x = 0,3 and 6) thin films. 1993 , 64-65, 871-876	4
1977	Electron-phonon interaction and superconductivity in strongly correlated systems. 1993 , 172, 467-470	12
1976	Experimental investigation of a crossover from short-range to long-range vortex order in a Rb ₃ C ₆₀ superconductor. 1993 , 184, 131-135	9
1975	Incommensurate periodic lattice modulation in carbon cluster composite films. 1993 , 177, 153-155	
1974	Fullerene (C ₆₀) adsorption on Si surfaces. 1993 , 67, 281-285	11
1973	Exchange mediated pairing as a source of superconductivity in alkali-doped C ₆₀ . 1993 , 176, 1-14	8
1972	Structural properties of heteroepitaxial C ₆₀ films on CaF ₂ (111). 1993 , 294, L959-L963	1
1971	A review of optical limiting mechanisms and devices using organics, fullerenes, semiconductors and other materials. 1993 , 17, 299-338	994
1970	Novel magnetic properties of complex TTF _x C ₆₀ Bry. 1993 , 86, 475-477	15
1969	Enhanced photoconductivity of C ₆₀ doped poly(3-alkylthiophene). 1993 , 85, 85-88	143
1968	Mobilities of charge carriers in C ₆₀ orthorhombic single crystal. 1993 , 88, 177-181	15
1967	Electron-vibrational mode coupling in K ₃ C ₆₀ from IR-transmittance and reflectivity. 1993 , 86, 221-225	49

1966	Screening trends in C60 solids. 1993 , 87, 1009-1012	2
1965	Electronic structure of KxC60 studied by high-energy resolved photoemission spectroscopy. 1993 , 87, 1017-1021	19
1964	High resolution 13C NMR of K6C60. 1993 , 87, 547-550	28
1963	Environmental reactivity characteristics of K3C60 and YBa2Cu3O7-x high-temperature superconductor thin films. 1993 , 88, 431-434	9
1962	Electron spin resonance study of RbxC60 and KxC60 powders. 1993 , 88, 443-445	1
1961	Amorphization and a new polymorph of carbon synthesized from C60. 1993 , 88, 719-721	17
1960	Synthesis of K3C60 single crystal thin films with high critical currents. 1993 , 85, 945-947	5
1959	Resistivity in C60 thin films of high crystallinity. 1993 , 87, 893-897	25
1958	Important role of intermolecular vibrational modes in the superconductivity in alkali-metal-doped fullerenes. 1993 , 86, 627-632	14
1957	Determination of superconducting and normal state parameters of single crystal K3C60. 1993 , 86, 643-646	43
1956	Magnetic properties of higher fullerides TDAE-C84, -C90 and -C96. 1993 , 85, 69-72	20
1955	Voltammetry of fullerenes C60 and C70 in dimethylamine and methylene chloride. 1993 , 347, 425-433	34
1954	Quantum chemical calculations on the buckminsterfullerene (C60) system. 1993 , 300, 405-413	3
1953	Electronic structure and stability of clusters, especially of alkali metals and carbon. 1993 , 300, 479-500	
1952	Positron distributions and lifetimes in novel superconductors. 1993 , 54, 1247-1250	2
1951	Structure and superconductivity of C60 fullerides. 1993 , 54, 1645-1653	39
1950	Fullerene derivatives and fullerene superconductors. 1993 , 54, 1655-1666	11
1949	Characterization of superconducting alkali and alkaline-earth fullerides prepared by thermal decomposition of azides. 1993 , 54, 1667-1673	25

1948	Stability of fullerene-based systems. 1993 , 54, 1679-1684	19
1947	Magnetic resonance of fullerene solids and their compounds. 1993 , 54, 1693-1698	15
1946	Electronic structure of alkali and alkaline-earth doped solid C60. 1993 , 54, 1759-1765	20
1945	Consideration of the mechanism of superconductivity in fullerenes: Beyond migdal's theorem and the dynamic Coulomb effect. 1993 , 54, 1779-1788	35
1944	Change of electronic structures with varying molecular valence in AxC60. 1993 , 54, 1795-1800	17
1943	Structure and properties of boron-rich solids constructed of icosahedral and soccer-ball clusters. 1993 , 19, 67-71	14
1942	Structure and dynamics of solid C60 and its intercalation compounds. 1993 , 19, 90-99	14
1941	Photoemission study of superconductive and non-superconductive alkali-doped C60 and C70. 1993 , 19, 117-121	1
1940	Superconductivity in alkali-intercalated C60. 1993 , 19, 129-134	18
1939	Structure and properties of alkali-doped C60. 1993 , 19, 135-140	9
1938	Nuclear magnetic resonance study of fullerene solids and their compounds. 1993 , 19, 146-153	13
1937	Optical studies of fullerene-based solids. 1993 , 19, 154-161	21
1936	Electron transport probes of alkali metal-doped C60 single crystals. 1993 , 19, 162-164	5
1935	AxC60 thin film with electrochemically doped alkali metals. 1993 , 1, 879-882	6
1934	Generalized fullerene-like lattices, and itinerant interacting electrons. 1993 , 199, 539-570	6
1933	Surface plasmon excitations in C60, C60K and C60H clusters. 1993 , 183, 247-263	28
1932	Electronic structure of doped C60: strong correlation or lattice distortion?. 1993 , 186-188, 1068-1070	7
1931	Correlation effects and superconductivity in doped fullerite. 1993 , 186-188, 1071-1073	1

1930	Synthesis, superconductivity and ESR characterization of Rb ₃ C ₆₀ crystals. 1993 , 216, 305-314	13
1929	Microstructures of C ₆₀ textured thin film. 1993 , 214, 19-24	10
1928	^{87,85} Rb NMR spectra and relaxation in Rb ₃ C ₆₀ . 1993 , 211, 299-303	3
1927	The ab initio electronic structure and stability of the bucky tube. 1993 , 213, 157-160	4
1926	Cooling-rate dependent vortex structure in Rb ₃ C ₆₀ . 1993 , 217, 16-20	4
1925	Preparation and crystal structure of C ₆₀ S ₁₆ . 1993 , 56, 169-174	58
1924	Pseudo-epitaxial C ₆₀ films prepared by a hot-wall method. 1993 , 56, 193-196	45
1923	Origin of Superelectrons. 1993 , 175, 421-432	6
1922	Lattice Dynamics of the Orientationally Ordered Crystal C ₆₀ . 1993 , 177, 85-93	7
1921	The structure of n-fold negatively charged C ₆₀ (n = 1, 2, $\sqrt{3}$). 1993 , 46, 81-86	10
1920	Rules for intrinsically (super) conducting polymers. 1993 , 48, 245-248	1
1919	Correlation and pairing in C ions. Superconductivity of alkali and alkaline earth compounds of C ₆₀ . 1993 , 48, 655-665	16
1918	The use of polyoxometalates in charge transfer salts. 1993 , 3, 183-192	2
1917	Atoms in carbon cages: the structure and properties of endohedral fullerenes. <i>Nature</i> , 1993 , 366, 123-128	50.4 596
1916	Structural distortion in Rb ₃ C ₆₀ revealed by ⁸⁷ Rb NMR. <i>Nature</i> , 1993 , 362, 611-613	50.4 92
1915	MNDO study of charged complexes of dodecahedron-shaped C ₂₀ with Li. 1993 , 281, 33-37	12
1914	Electrical and optical investigations of carbon clusters formed in organic films by ion implantation. 1993 , 80-81, 1072-1075	9
1913	Doping of fullerenes by ion implantation. 1993 , 80-81, 1456-1459	41

1912	Recent advances in positive muon spin rotation; muonium as a probe of fullerenes. 1993 , 80, 1181-1193	2
1911	The problem of fullerenes. The chemical aspect. 1993 , 42, 1-11	11
1910	Resonant photoemission study of K-derived valence-band states in K X C ₆₀ . 1993 , 92, 347-351	5
1909	Separation and identification of fullerenes by liquid chromatography. 1993 , 35, 38-44	23
1908	Calculations of the electronic structure of doped Buckminsterfullerene. 1993 , 26, 279-281	2
1907	Electronic structure of C ₈₄ and K _x C ₈₄ : Comparison to C ₆₀ and graphite. 1993 , 26, 79-83	27
1906	Analysis of the electronic structure of C ₆₀ doped with p-elements. 1993 , 25, 175-180	3
1905	Fullerenes from brown (lignite) coal. 1993 , 34, 147-155	8
1904	Superconductivity of C ₆₀ compounds. 1993 , 1, 901-911	4
1903	Electrochemical studies and syntheses of fulleride-derived materials. 1993 , 1, 913-923	8
1902	Langmuir-Blodgett films of 1-t-butyl-9-hydrofullerene-60. 1993 , 230, 73-77	33
1901	Transfert de charge dans les composés d'insertion du fullerène. <i>Carbon</i> , 1993 , 31, 1297-1301	10.4 1
1900	Electron-phonon coupling on the ionic 60-atom carbon cluster buckminsterfullerene. 1993 , 54, 565-573	2
1899	Fullerenes. 1993 , 8, 2054-2097	171
1898	Formation and Detection of Fullerene Metal Complexes Using Time-Of-Flight Secondary Ion Mass Spectrometry. 1993 , 47, 1545-1547	18
1897	Structural properties of heteroepitaxial C ₆₀ films on CaF ₂ (111). 1993 , 294, L959-L963	3
1896	Temperature dependent behaviour in the adsorption of submonolayer potassium on graphite. 1993 , 284, 349-360	41
1895	Growth mechanisms of C ₆₀ -molecular beam epitaxy on mica. 1993 , 289, 381-388	46

1894	C60 and Its Superconducting Properties. 1993 , 8, 434-439	
1893	C 1s autoionization study of electron hopping rates in solid C60. 1993 , 71, 3721-3724	78
1892	OPTICAL PHONON MODES IN SOLID AND DOPED C60. 1993 , 221-243	2
1891	Fabrication and properties of free-standing c60 membranes. 1993 , 259, 1887-90	34
1890	Carbon-free fullerenes: condensed and stuffed anionic examples in indium systems. 1993 , 262, 880-3	75
1889	SUPERCONDUCTING AND NORMAL STATE PROPERTIES OF THE A3C60 COMPOUNDS. 1993 , 123-138	1
1888	FULLERENES AND FULLERIDES IN THE SOLID STATE: NEUTRON SCATTERING STUDIES. 1993 , 139-148	1
1887	SYNTHESIS AND CHARACTERIZATION OF ALKALI METAL FULLERIDES: AxC60. 1993 , 151-162	1
1886	SUPERCONDUCTIVITY IN ALKALI INTERCALATED C60. 1993 , 303-314	2
1885	ELECTRONIC STRUCTURES OF C60 FULLERIDES AND RELATED MATERIALS. 1993 , 287-301	
1884	ELECTRONIC STRUCTURES OF C60, C70 AND THE FULLERIDES: PHOTOEMISSION AND INVERSE PHOTOEMISSION STUDIES. 1993 , 263-277	1
1883	Hypothetical curved graphite. 1993 , 3, 319-329	2
1882	The fullerenes: new allotropic forms of carbon: molecular and electronic structure, and chemical properties. 1993 , 62, 419-435	101
1881	Relation between superconductivity and ESR on doped C60. 1993 , 56, 3173-3178	
1880	Electronic properties of bucky-tube model. 1993 , 56, 3142-3147	6
1879	Mössbauer study of fullerene C60 doped with 129I. 1993 , 56, 3167-3172	6
1878	Solid-solution rubidium/potassium mixed-metal fullerides. 1993 , 56, 3160-3166	1
1877	Magnetic properties of TDAE-C60 and TDAE-C70, where TDAE is tetrakis(dimethylamino)ethylene. <i>Physical Review B</i> , 1993 , 47, 7554-7559	3-3 116

1876	Doping-induced spectral evolution in C60: Evidence of immiscible stoichiometric phases in AxC60 (A=K,Rb; x=0, 3, and 6) thin films. <i>Physical Review B</i> , 1993 , 48, 2738-2742	3-3	12
1875	Spin-density wave, charge density wave, and polarizabilities of C60 in the Pariser-Parr-Pople model. 1993 , 98, 6369-6376		27
1874	Charge storage states in polyenes. 1993 , 99, 7938-7945		19
1873	One-, two- and three-electron reduction of C60 using the electron-reservoir complex [Fe(C5H5)(C6Me6)]. 1993 , 333-334		76
1872	Electrochemical studies on Langmuir-Blodgett films of 1-tert-butyl-1,9-dihydrofullerene-60. 1993 , 1310-1312		19
1871	Magnetic Properties of Cs x C60. 1993 , 1, 351-363		6
1870	A Survey of the Research Areas Related to Buckminsterfullerene. 1993 , 1, 23-44		5
1869	Air stability of K3C60 superconductors: Low field microwave absorption and ESR study. 1993 , 56, 2967-2972		4
1868	Optical properties of C60 and K3C60. 1993 , 56, 3033-3037		7
1867	Magnetic behavior and structure of halogen doped C60. 1993 , 56, 3068-3073		4
1866	Characterization of fullerenes and doped fullerenes. 1993 , 59, 279-295		37
1865	Observation of a photoinduced electron transfer from a conducting polymer (MEHPPV) onto C60. 1993 , 56, 3125-3130		23
1864	Charge injection, electric field modulation and spectroscopy of charged states of fullerene in metal-insulator-semiconductor devices. 1993 , 56, 3229-3234		12
1863	NMR spectroscopy in K3C60 as a function of temperature and pressure. 1993 , 56, 3154-3159		3
1862	Lamellar structure of bond distortion and electronic states in charged C60. 1993 , 56, 2979-2984		11
1861	Semiconducting polymers (as donors) and buckminsterfullerene (as acceptor): photoinduced electron transfer and heterojunction devices. 1993 , 59, 333-352		100
1860	The collective charge transport in doped polymers and C60 fullerene. 1993 , 56, 3220-3228		2
1859	Infrared and transport properties of KxC60. 1993 , 56, 2997-3001		2

1858	ODMR spectroscopy of photoexcitations in C60 and C70 polystyrene glasses. 1993 , 54, 273-279		22
1857	Phases, kinetics and structure of alkali-C60 compounds: preparation of Rb3- and (Rb3Kx)-C60 superconductors. 1993 , 59, 307-316		1
1856	Imaging of Langmuir-Blodgett films of C60 by scanning tunneling microscopy and transmission electron microscopy. 1993 , 56, 3104-3109		1
1855	Electronic structure and bonding of C60 to metals. 1993 , 59, 353-367		24
1854	Anomalous thermoelectric power of the alkali metal doped and the pyrolyzed fullerene. 1993 , 56, 3258-3263		3
1853	Structure and physical properties of Langmuir-Blodgett films of C60 with amphiphilic matrix molecules. 1993 , 56, 3131-3136		10
1852	Superconductivity of fullerenes doped with binary alkali-metals. 1993 , 56, 3240-3245		2
1851	Calculations of positron states in fullerenes. 1993 , 56, 3074-3079		5
1850	Characteristics of buckminsterfullerene doped conducting polymer. 1993 , 56, 2991-2996		23
1849	VEH electronic structure of Si60. 1993 , 61, 155-158		15
1848	Preparation and crystal structure of C60S8CS2, a new fullerene-containing heteromolecular solid. 1993 , 16, 357-363		24
1847	Single-Crystal Structural Study of fcc and hcp C60 from 107 to 298 K Using Synchrotron X-Rays. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L424-L427	1.4	23
1846	Characterization of K-Doped C60 by Positron Annihilation. 1993 , 1, 239-259		2
1845	Photoluminescence of solid C60. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 2045-2054	1.8	30
1844	Structure of C60 Thin Films Formed by Ionized Cluster Beam Deposition. 1993 , 1, 393-409		8
1843	Search for Impurity Levels in Solid Fullerenes. 1993 , 1, 123-135		
1842	Preparation of C60 Thin Films and Cs-Rb Doping. 1993 , 1, 261-267		
1841	The Fullerene Molecules. 1993 , 356-373		1

1840	Transport Measurements of the Normal State and Superconducting Properties of Fulleride Superconductors. 1993 , 379-386		
1839	Non-Korringa ^{13}C Nuclear Relaxation in the Normal State of the K_3C_{60} Superconductor. 1993 , 23, 63-69		35
1838	Layer disorder in C_{60} -ether clathrates. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, L165-L168	1.8	4
1837	Lattice dynamics of A_3C_{60} fullerides, where the A are alkali-metal elements. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, L591-L596	1.8	1
1836	Difference in Doping Effects of C_{60} and C_{70} in Poly(3-hexylthiophene). <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L140-L143	1.4	15
1835	Field Ion-Scanning Tunneling Microscopy Study of C_{84} on the Si(100) Surface. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L132-L134	1.4	21
1834	Preparation of carbon clusters by arc-heated expanding plasma jet. 1993 , 2, 46-50		6
1833	Anomalous Behavior of Electron Spin Resonance in K_xC_{60} Film Prepared by Electrochemical Method. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L1229-L1232	1.4	2
1832	Wavelength Dependence of Junction Characteristics of Poly(3-alkylthiophene)/ C_{60} Layer. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L873-L874	1.4	70
1831	Marked Enhancement of Photoconductivity and Quenching of Luminescence in Poly(2,5-dialkoxy-p-phenylene vinylene) upon C_{60} Doping. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L357-L360	1.4	101
1830	^{13}C Nuclear Relaxation and Normal-State Properties of K_3C_{60} under Pressure. 1993 , 21, 233-238		25
1829	Analysis of ^{87}Rb and ^{13}C Hyperfine Interaction in Rb_3C_{60} . 1993 , 24, 59-64		41
1828	Superconductivity of $\text{Li}_2\text{MC}_{60}$ and $\text{Na}_2\text{MC}_{60}$ Fullerides. 1993 , 23, 57-62		24
1827	Electron Spin Resonance Spectra of K_xC_{60} Films Prepared by Electrochemical Doping. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L498-L501	1.4	6
1826	Rubidium-doped epitaxial C_{60} thin films: synthesis and electronic transport. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, L409-L414	1.8	
1825	The absorption spectrum and a cyclic voltammogram of C_{60} -doped poly(3-alkylthiophene). <i>Journal of Physics Condensed Matter</i> , 1993 , 5, L103-L106	1.8	14
1824	Bond structure and electron states of charged C_{60} . 1993 , 2, 528-536		
1823	Do pairs exist above T_c ?. 1993 , 6, 215-224		54

1822	Screening effects in C60solids. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 8047-8054	1.8	4
1821	Structures and phases of superconducting alkali-metal doped C60. <i>Physical Review B</i> , 1993 , 47, 13067-13069	3.3	7
1820	Structure sequence and possible superconductivity in potassium-doped fullerene C70Kx. <i>Physical Review B</i> , 1993 , 48, 16877-16880	3.3	16
1819	Intramolecular-vibrational-mode softening in alkali-metal-saturated C70 films. <i>Physical Review B</i> , 1993 , 48, 3501-3506	3.3	14
1818	Ring-bipolaron exciton in neutral fullerene C60. <i>Physical Review B</i> , 1993 , 48, 17615-17618	3.3	17
1817	Doping effect of buckminsterfullerene in poly(2,5-dialkoxy-p-phenylene vinylene). 1993 , 74, 2860-2865		60
1816	Electronic pairing mechanism in fullerenes: Interactions and correlations. <i>Physical Review B</i> , 1993 , 48, 4103-4113	3.3	19
1815	Raman-scattering study of the electron-phonon interaction in M3C60 (M=K,Rb). <i>Physical Review B</i> , 1993 , 48, 8412-8417	3.3	73
1814	Effects of oxygen and illumination on the in situ conductivity of C60 thin films. <i>Physical Review B</i> , 1993 , 47, 10873-10880	3.3	132
1813	Thermal effects on the dynamics and electronic states of Na3C60. <i>Physical Review B</i> , 1993 , 48, 8517-8520	3.3	8
1812	Coulomb and exchange interactions in C60n-. <i>Physical Review B</i> , 1993 , 48, 4845-4849	3.3	78
1811	C K-V x-ray-emission spectra of solid C70 with comparison to C60. <i>Physical Review B</i> , 1993 , 47, 12988-12991	3.3	15
1810	Femtosecond optical dynamics of C60 and M3C60. 1993 , 62, 3241-3243		37
1809	Electronic properties and phase transitions of RbC60 and CsC60: Investigation by NMR spectroscopy. <i>Physical Review B</i> , 1993 , 48, 9097-9105	3.3	109
1808	Epitaxial C60 films on CaF2 (111) grown by molecular beam deposition. 1993 , 62, 2643-2645		29
1807	X-ray-diffraction study of the phase transition in a C60 single crystal. <i>Physical Review B</i> , 1993 , 47, 4022-4024	3.3	32
1806	Phase transition in the Zr1-xScxB12 system. <i>Physical Review B</i> , 1993 , 48, 6892-6898	3.3	24
1805	Near-infrared electrochromism in LixC60 films. 1993 , 63, 599-601		11

1804	Conducting thin films of pentacene doped with alkaline metals. 1993 , 74, 1079-1082		57
1803	Prediction of the intensity and structure of spectra associated with the endohedral motions of metal-containing buckyballs. 1993 , 98, 860-864		14
1802	Consequences of extended-range interactions in the correlation-induced model of superconductivity in the fullerenes. <i>Physical Review B</i> , 1993 , 48, 3491-3500	3-3	13
1801	Sorption of helium by fullerite crystals and films. 1993 , 71, 739-742		20
1800	Many-body basis-set reduction applied to the two-dimensional t-Jz model. <i>Physical Review B</i> , 1993 , 47, 15346-15349	3-3	36
1799	Intramolecular structures of C60 molecules adsorbed on the Cu(111)-(1 x 1) surface. 1993 , 71, 2959-2962		221
1798	Photoemission study of the electronic structure of C60 and KxC60. <i>Physical Review B</i> , 1993 , 47, 11470-11478	3-3	73
1797	Sr6C60 and Ba6C60: Semimetallic fullerides. 1993 , 71, 121-124		66
1796	Photoelectron study of Yb/C60 bilayers and the Yb fullerides formed at the interfaces. <i>Physical Review B</i> , 1993 , 48, 14623-14628	3-3	5
1795	Sensitization of the photoconductivity of conducting polymers by C60: Photoinduced electron transfer. <i>Physical Review B</i> , 1993 , 48, 15425-15433	3-3	206
1794	Novel A15 phase in barium-doped fullerite. <i>Physical Review B</i> , 1993 , 47, 13070-13073	3-3	54
1793	Fundamental excitations in C60. <i>Physical Review B</i> , 1993 , 48, 11367-11374	3-3	33
1792	Nonlinear response of type-II superconductors in the mixed state in slab geometry. <i>Physical Review B</i> , 1993 , 47, 15298-15301	3-3	3
1791	Electron-energy-loss studies of RbxC60 and RbxC70 (x=0, 3, and 6). <i>Physical Review B</i> , 1993 , 47, 14532-14540	3-3	57
1790	Electrical transport in Na, K, Rb, and Cs fullerides: Phase formation, microstructure, and metallicity. <i>Physical Review B</i> , 1993 , 48, 1899-1906	3-3	87
1789	Strong-coupling effects in alkali-metal-doped C60. <i>Physical Review B</i> , 1993 , 47, 538-541	3-3	48
1788	Coherence peak and superconducting energy gap in Rb3C60 observed by muon spin relaxation. 1993 , 70, 3987-3990		78
1787	Superconductivity in metal-insulator composite bands: A realization of negative-U pairing in purely repulsive systems. <i>Physical Review B</i> , 1993 , 48, 7598-7617	3-3	10

1786	Application of a Su-Schrieffer-Heeger-like model to the intramolecular electron-phonon coupling in C60 clusters. <i>Physical Review B</i> , 1993 , 47, 4765-4770	3-3	31
1785	Electron-phonon interactions and superconductivity in K3C60. <i>Physical Review B</i> , 1993 , 48, 13959-13970	3-3	48
1784	Topologically Determined Electronic Energy Levels in Fullerenes. 1993 , 1, 11-21		5
1783	Metal-overlayer formation on C60 for Ti, Cr, Au, La, and In: Dependence on metal-C60 bonding. <i>Physical Review B</i> , 1993 , 47, 2389-2393	3-3	87
1782	Intermolecular interaction and orientational ordering in solid C60: A parameter study. <i>Physical Review B</i> , 1993 , 47, 15912-15922	3-3	31
1781	Electron-electron interactions and superconducting fluctuations in weakly localized K3C60. <i>Physical Review B</i> , 1993 , 47, 15354-15357	3-3	10
1780	Symmetry breaking in the Hubbard model at zero temperature. <i>Physical Review B</i> , 1993 , 47, 2901-2904	3-3	
1779	Plasma-polymerized C60/C70 mixture films: Electric conductivity and structure. 1993 , 74, 5790-5798		88
1778	NMR measurement of superconducting-state spin susceptibility in alkali fullerides. <i>Physical Review B</i> , 1993 , 48, 9942-9944	3-3	23
1777	Conduction electron spin resonance in Rb3C60. 1993 , 71, 1091-1094		111
1776	Electronic states at the Fermi level of doped C60. 1993 , 71, 2477-2480		34
1775	Orientalional order in A3C60: Antiferromagnetic Ising model for the fcc lattice. 1993 , 70, 4142-4145		38
1774	Molecular dynamics in K3C60: A 13C NMR study. 1993 , 71, 2413-2416		36
1773	Discrete-variational-X α calculations of buckminsterfullerene (C60) and fulleride x-ray emission spectra. 1993 , 98, 3650-3655		20
1772	Effect of pressure on intermolecular and intramolecular phonons in solid C60. 1993 , 99, 10001-10010		4
1771	Numerical renormalization group for finite Fermi systems. 1993 , 71, 4202-4205		16
1770	Endohedral and exohedral adsorption in C60: An analytical model. 1993 , 99, 4036-4040		71
1769	Diffusion of silver in C60 thin films. 1993 , 63, 2438-2440		26

1768	Dominance of the spin-dipolar NMR relaxation mechanism in fullerene superconductors. <i>Physical Review B</i> , 1993 , 47, 12373-12376	3-3	53
1767	Pressure dependence of the band structure, density of states, Fermi surfaces, and optical properties of superconducting K3C60. <i>Physical Review B</i> , 1993 , 47, 8249-8259	3-3	16
1766	Electron-diffraction and photoelectron-spectroscopy studies of fullerene and alkali-metal fulleride films. <i>Physical Review B</i> , 1993 , 48, 9086-9096	3-3	115
1765	Magneto-optical studies of photoexcitations in C61. <i>Physical Review B</i> , 1993 , 48, 18250-18253	3-3	3
1764	Bulk and surface electronic structures of potassium fullerides. <i>Physical Review B</i> , 1993 , 47, 12912-12916	3-3	28
1763	Superconducting and normal states of Ba1-xKxBiO3 studied with use of high-quality thin films. <i>Physical Review B</i> , 1993 , 48, 6617-6625	3-3	22
1762	Ultraviolet photoelectron spectra of C82 and KxC82. <i>Physical Review B</i> , 1993 , 48, 8418-8423	3-3	47
1761	Stability of molecular singlets in C60: A partial-summation approach. <i>Physical Review B</i> , 1993 , 47, 14611-14613	3-3	1
1760	Absence of saturation in the normal-state resistivity of thin films of K3C60 and Rb3C60. <i>Physical Review B</i> , 1993 , 48, 9945-9948	3-3	78
1759	Multipole approach to orientational interactions in solid C60. <i>Physical Review B</i> , 1993 , 48, 1888-1898	3-3	34
1758	Metallic and semiconducting phases of metal-doped fullerides. <i>Physical Review B</i> , 1993 , 48, 14925-14935	3-3	13
1757	Stability of C60 fullerite intercalation compounds. <i>Physical Review B</i> , 1993 , 47, 6711-6720	3-3	26
1756	Ground-state properties of the Hubbard model on a C60 cluster. <i>Physical Review B</i> , 1993 , 47, 12316-12319	3-3	13
1755	Electronic transport properties of KxC70 thin films. <i>Physical Review B</i> , 1993 , 48, 10657-10660	3-3	31
1754	Effects of the electron interaction on the electron-lattice coupling in C60. <i>Physical Review B</i> , 1993 , 47, 16570-16575	3-3	10
1753	Auger and photoelectron study of the Hubbard U in C60, K3C60, and K6C60. <i>Physical Review B</i> , 1993 , 48, 18296-18299	3-3	79
1752	First-principles study of vibrational modes in icosahedral C60. <i>Physical Review B</i> , 1993 , 48, 1884-1887	3-3	61
1751	Generalized spin-density-wave state of the Hubbard model for C12 and C60 clusters. <i>Physical Review B</i> , 1993 , 47, 5539-5542	3-3	17

1750	Orientational phases for M3C60. <i>Physical Review B</i> , 1993 , 48, 12262-12277	3.3	36
1749	Pairing and charge-density correlations in the three-dimensional negative-U Hubbard model on the fcc lattice. <i>Physical Review B</i> , 1993 , 47, 2861-2865	3.3	3
1748	Metal coated fullerene molecules and clusters. 1993 , 99, 4210-4212		97
1747	Effective Photoresponse in C60-Doped Conducting Polymer due to Forbidden Transition in C60. <i>Japanese Journal of Applied Physics</i> , 1993 , 32, L1173-L1175	1.4	28
1746	On the electrostatics of cubic crystals. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 6683-6696	1.8	4
1745	Magnetic Properties of Alkali Metal Intercalated Fullerenes. 1993 , 251-254		
1744	Empirical tight-binding parameters for solid C60. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, 8255-8264	4.8	7
1743	The fullerenes: powerful carbon-based electron acceptors. 1993 , 343, 53-62		64
1742	Novel Electron Correlation in the Scattering Continuum for a Stability Analysis of the Electron Pair in the Atomic Level. 1993 , 66, 3319-3325		4
1741	Aromaticity of Multiply Charged Fullerene Ions. 1993 , 66, 1955-1958		21
1740	Superconductivity and Site-Selective Intercalation in KRbCsC60. 1993 , 62, 3822-3824		9
1739	Thermoelectric Power of Alkali Doped C60. 1993 , 62, 2757-2761		8
1738	Design of Organic Superconductors: Successes and Disappointments. 1993 , 230, 139-156		29
1737	Mechanism of superconductivity in K3C60. 1993 , 90, 1350-3		7
1736	Reducing supermolecules to 'pseudo-atoms' and anions: Cryptatium species and C60. 1993 , 65, 441-446		6
1735	Synthesis and Crystal Structure of C60 Complex with a Symmetrical Donor of 2, 3, 6, 7, 10, 11-Hexamethoxytriphenylene (HMT). 1993 , 328, 85		
1734	Neutron scattering and IR studies of fullerenes and their derivatives. <i>Physica Scripta</i> , 1993 , T49B, 735-741		15
1733	Electronic structure, conductivity and superconductivity of alkali metal doped C60. 1993 , 65, 11-15		12

1732	PRE-1990 EVIDENCE FOR THE FULLERENE PROPOSAL. 1993 , 11-17		1
1731	The fullerenes: powerful carbon-based electron acceptors. 1993 , 53-62		7
1730	Absorption and Electrical Conductivity during Electrochemical Reduction in Fullerene Film. 1994 , 2, 129-143	10	
1729	Materials and Models: Faces of Intercalation Chemistry. <i>Physics and Chemistry of Materials With Low-dimensional Structures</i> , 1994 , 1-81		7
1728	Observation of fractal patterns in C ₆₀ -polymer thin films. 1994 , 9, 2216-2218		15
1727	Analysis of the ¹³ C Knight shift and spin-lattice relaxation in A ₃ C ₆₀ (A = Rb or K). 1994 , 70, 787-794		19
1726	Irradiation of PMMA with high energy light ions: The depth distribution for volatile reaction-product emission. 1994 , 128, 277-285		15
1725	Doping effect of C ₆₀ to soluble polyaniline. 1994 ,		
1724	A New Type of Carbon: Fullerenes as Exotic Materials. 1994 , 255, 261-270		0
1723	Novel Photophysical Properties of Fullerene Doped Conducting Polymers. 1994 , 255, 197-211		12
1722	Theory for Exciton Effects on Optical Absorption Spectra of C ₆₀ Molecule and C ₆₀ Crystal. 1994 , 63, 2401-2409	17	
1721	Organometallic Derivatives of Fullerenes. 1994 , 57-94		30
1720	Dynamical Process of Charge Transfer in Fullerene C ₆₀ . <i>Chinese Physics Letters</i> , 1994 , 11, 133-136	1.8	2
1719	Lattice Dynamics and ¹³ C Paramagnetic Shift in K ₄ C ₆₀ . 1994 , 27, 543-548		24
1718	Preparation of Alkaline-Metal-DopedC ₆₀ Superconducting Film and Its Stabilization in Air with Protective Coatings. <i>Japanese Journal of Applied Physics</i> , 1994 , 33, 1851-1855	1.4	4
1717	Raman and infrared determination of vibrational fundamentals of single-crystal C ₆₀ and derivatives and of C ₇₀ . <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 3161-3170	1.8	27
1716	Molecular-dynamics study of the structure, binding energy, and melting of small clusters of fullerene molecules using Girifalco's spherical model. <i>Physical Review B</i> , 1994 , 49, 8491-8494	3.3	52
1715	Canonical density matrix for free electrons moving on a spherical surface. 1994 , 49, 3432-3438		1

1714	Observation and assignment of silent and higher-order vibrations in the infrared transmission of C60 crystals. <i>Physical Review B</i> , 1994 , 50, 173-183	3-3	117
1713	Fundamental and higher-order Raman spectra of C60 films. <i>Physical Review B</i> , 1994 , 49, 5058-5061	3-3	17
1712	Electronic structure and superconducting energy gap in Rb3C60 single crystals studied by photoemission spectroscopy. <i>Physical Review B</i> , 1994 , 50, 16566-16569	3-3	16
1711	Collective electronic excitations in metal-coated C60. <i>Physical Review B</i> , 1994 , 49, 17397-17402	3-3	13
1710	Multilayer metal coverage of fullerene molecules. 1994 , 72, 3542-3545		88
1709	Design of C60-graphite cointercalation compounds. <i>Physical Review B</i> , 1994 , 49, 17413-17419	3-3	34
1708	Optical-absorption spectra of A6C60 and A6C70: Theoretical evaluation of effective Coulomb interactions in Frenkel excitons. <i>Physical Review B</i> , 1994 , 50, 17606-17610	3-3	4
1707	Broad fullerene-ion beam generation and bombardment effects. 1994 , 65, 968-970		8
1706	Phase transitions in Na2AC60 (A=Cs, Rb, and K) fullerides. <i>Physical Review B</i> , 1994 , 49, 12307-12310	3-3	30
1705	Vortex-glass behavior in superconducting K3C60 and Rb3C60. <i>Physical Review B</i> , 1994 , 49, 4285-4288	3-3	15
1704	Collective electronic excitations in C60 crystals. <i>Physical Review B</i> , 1994 , 49, 7825-7828	3-3	4
1703	Pressure dependence of the superconducting transition temperature in nominal Rb0.5Cs2.5C60. <i>Physical Review B</i> , 1994 , 49, 3619-3621	3-3	2
1702	Electron-energy-loss studies of Ca-doped C60. <i>Physical Review B</i> , 1994 , 49, 1427-1432	3-3	14
1701	Electronic transport properties of KxC70 thin films. II. <i>Physical Review B</i> , 1994 , 49, 15890-15900	3-3	14
1700	Pressure dependence of superconductivity in simple-cubic Na2CsC60. <i>Physical Review B</i> , 1994 , 50, 3466-3469	3-3	36
1699	Production of C60 plasma. 1994 , 1, 3480-3484		54
1698	Charge-density-wave semimetallic and superconducting states for A3C60. <i>Physical Review B</i> , 1994 , 49, 12047-12050	3-3	16
1697	Critical magnetic fields of superconducting Ba6C60. <i>Physical Review B</i> , 1994 , 50, 13890-13893	3-3	3

1696	Magnetism and pairing in a C60 molecule: A variational Monte Carlo study. <i>Physical Review B</i> , 1994 , 49, 4279-4284	3-3	12
1695	Characteristics of Molecular-Based Conductors Prepared by Twin Donors with a Hydrogen-Bonded Counter Ion System. 1994 , 255, 17-26		3
1694	Charge-induced vibrational shifts and vibronic coupling constant in charged C60n-. <i>Physical Review B</i> , 1994 , 50, 15439-15441	3-3	3
1693	New synthetic route to the formation of fullerene superconductors. 1994 , 65, 2156-2158		3
1692	Strong correlations versus U-center pairing and fractional Aharonov-Bohm effect. <i>Physical Review B</i> , 1994 , 49, 16234-16247	3-3	37
1691	Dynamic Jahn-Teller-induced infrared absorption of a charged C60- molecule. <i>Physical Review B</i> , 1994 , 50, 5016-5019	3-3	15
1690	Relaxation process of charge transfer in C60. <i>Physical Review B</i> , 1994 , 50, 11976-11980	3-3	9
1689	Metal-insulator transitions in degenerate Hubbard models and AxC60. <i>Physical Review B</i> , 1994 , 49, 5687-5690	3-3	104
1688	Quantum chemical study of lithium-C60 clusters. 1994 , 101, 2244-2249		34
1687	C60-induced reconstruction of the Ge(111) surface. <i>Physical Review B</i> , 1994 , 50, 8454-8459	3-3	30
1686	Growth and microstructure of interfacially oriented large-crystalline-grain C60 sheets. 1994 , 64, 1877-1879		31
1685	Surface structure of laser ablated C60 pellet. 1994 , 75, 5450-5452		1
1684	Preparation and characterization of Langmuir-Blodgett films containing fullerene. 1994 , 243, 367-370		23
1683	Langmuir-Blodgett film of C60/TTF derivatives. 1994 , 251, 94-95		1
1682	Negatively curved graphite and triply periodic minimal surfaces. 1994 , 15, 183-195		16
1681	Orbital pairing effects in fullerenes. 1994 , 7, 787-791		
1680	Electron-microscopy and electron-diffraction study of order-disorder phenomena in the intercalate C60(I2)2x. 1994 , 58, 107-116		8
1679	Synthesis of N-acylated fulleropyrrolidines: New materials for the preparation of Langmuir-Blodgett films containing fullerenes. 1994 , 35, 2985-2988		78

1678	Topological resonance energies of fullerenes and their molecular ions. 1994 , 311, 1-8	3
1677	Wannier analysis of the Cooper pairing force. 1994 , 49, 625-637	1
1676	A Unified Total Energy Approach to High-Temperature Superconductivity and Long-Range Ordering in Solids. 1994 , 186, 225-237	3
1675	Radicals on surfaces formed by ionizing radiation. 1994 , 4, 179-199	4
1674	Electrical resistivity and stoichiometry of KxC ₆₀ , RbxC ₆₀ , and CsxC ₆₀ films. 1994 , 218, 100-106	25
1673	Reactivity of hydrogen with open and closed shell clusters. 1994 , 218, 383-386	39
1672	Generation of nanometer-size fullerene particles via vapor condensation. 1994 , 218, 304-308	54
1671	A simple rate equation for fullerene coalescence. 1994 , 218, 462-466	9
1670	Two-photon absorption of powerful femtosecond pulses in C ₆₀ film. 1994 , 218, 475-478	23
1669	How free are encapsulated atoms in C ₆₀ ?. 1994 , 221, 453-458	68
1668	Strontium doped fullerite compounds. 1994 , 223, 501-505	50
1667	Phosphorus/buckminsterfullerene intercalation compounds, C ₆₀ (P ₄) ₂ . 1994 , 225, 186-190	30
1666	Theoretical study of the lanthanide fullerene CeC ₈₂ . Comparison with ScC ₈₂ , YC ₈₂ and LaC ₈₂ . 1994 , 228, 106-110	81
1665	Surface enhanced electronic transport. A new method to probe the possible interactions between C ₆₀ and non-alkali metals. 1994 , 228, 100-105	10
1664	Preparation and characterization of DABCO _x -C ₆₀ (y) charge transfer complex. 1994 , 230, 317-321	11
1663	Absolute calibration of microwave loss in ESR spectrometers. 1994 , 6, 59-62	1
1662	Electron-Electron Interactions in Organic Superconductors. 1994 , 6, 316-322	34
1661	Reaction of alkali metal intercalated C ₆₀ with oxygen: Deintercalation, activation, and decomposition. 1994 , 6, 374-376	3

- 1660 Spiroconjugation: An added dimensi in the design of organic molecular materials. **1994**, 6, 405-407 34
- 1659 Novel Ultrahard Materials. **1994**, 6, 549-560 165
- 1658 Raman Scattering in C60 fullerenes and fullerides. **1994**, 6, 731-745 130
- 1657 Doped fullerenes: a soot to superconductivity story. **1994**, 197, 544-550 8
- 1656 Antiferromagnetically coupled clusters and superconductors in pulsed magnetic fields. **1994**, 201, 13-19 6
- 1655 Low field magnetic relaxation of superconducting C60Rb3. **1994**, 194-196, 2067-2068
- 1654 Superconductivity in A3C60. **1994**, 199-200, 596-599 2
- 1653 Superconducting properties of Na-doped C60 prepared from sodium azide. **1994**, 231, 26-36 14
- 1652 Magnetotransport in single-crystal Rb3C60. **1994**, 228, 175-180 13
- 1651 Inter- and intragrain AC response of the granular superconductors K3C60 and Rb3C60. **1994**, 228, 181-189 19
- 1650 Electron-phonon interaction for superconductivity in alkali-metal-doped fullerenes. **1994**, 227, 15-21 8
- 1649 Superconductivity in doped fullerenes. **1994**, 219, 255-258 2
- 1648 Superconducting properties of the new boride-carbide superconductors. **1994**, 228, 389-392 59
- 1647 Temperature dependence of local structure of Rb2CsC60 superconductor. **1994**, 234, 385-391 5
- 1646 Good news from an abandoned gold mine: A new family of quaternary intermetallic superconductors. **1994**, 235-240, 154-157 17
- 1645 A new synthetic route to the formation of fullerence superconductors. **1994**, 235-240, 763-764
- 1644 Folding CuO2 planes into fullerene-like clusters. **1994**, 235-240, 991-992
- 1643 Determination of the superconducting energy gap of Rb3C60 by Raman scattering. **1994**, 235-240, 2475-2476 5

1642	Electron-phonon interaction, superconducting transition temperature and energy gap of alkali intercalated fullerenes. 1994 , 235-240, 2497-2498	1
1641	Electron tunneling spectroscopy on poly- and single crystalline Rb ₃ C ₆₀ . 1994 , 235-240, 2499-2500	12
1640	Comparative study of superconducting K ₂ CsC ₆₀ , Rb ₃ C ₆₀ and Rb ₂ CsC ₆₀ . 1994 , 235-240, 2503-2504	
1639	Molecular dynamics, phase diagrams and electronic properties of fullerenes and alkali fullerides: insights from solid-state nuclear magnetic resonance spectroscopy. 1994 , 3, 303-14	14
1638	Fullerene superconductors prepared by the mixtures of C ₆₀ and alkaline-metal carbonates. 1994 , 2, 747-751	1
1637	Small carbon rings: dissociation, isomerization, and a simple model based on strain. 1994 , 138, 17-31	68
1636	The effect of electron correlation on the bond structure of C ₆₀ . 1994 , 190, 185-188	3
1635	Electron-phonon interaction of the C ₆₀ intra-molecule mode in A ₃ C ₆₀ . 1994 , 191, 189-192	0
1634	Annealing effect of the superconducting phase of sodium-nitrogen-C ₆₀ fulleride, prepared from Na-azide. 1994 , 92, 547-552	9
1633	Transition from static to dynamic Jahn-Teller distortion in (P(C ₆ H ₅) ₄) ₂ C ₆₀ I. 1994 , 92, 935-938	19
1632	Insertion of potassium in pure C ₆₀ single crystals. 1994 , 89, 131-134	
1631	Nonlinear logarithmic time decay of magnetization in superconducting Rb ₃ C ₆₀ . 1994 , 90, 629-633	7
1630	Superconductivity of Rb ₂ CsC ₆₀ : ac response and upper critical field. 1994 , 91, 337-340	8
1629	Temperature dependence of the Raman spectrum in C ₆₀ doped with alkali metals. 1994 , 92, 281-288	2
1628	Orthorhombic A ₁ C ₆₀ : A conducting linear alkali fulleride polymer?. 1994 , 90, 349-352	181
1627	Electronic properties of metal doped fullerides. 1994 , 92, 71-81	16
1626	Organic superconductors. 1994 , 92, 89-100	31
1625	Photoconductivity in C ₆₀ doped polyacetylene derivative. 1994 , 90, 41-45	26

1624	Formation and structural characteristic of Langmuir-Blodgett films of C60 and C70. 1994 , 242, 45-49		22
1623	Study of microstructure of epitaxial fullerenes films. 1994 , 240, 14-21		8
1622	Electrochromic phenomena in fullerene thin films. 1994 , 377, 283-285		13
1621	Ionization and excitation of C60, C70, and C80 fullerenes. 1994 , 29, 332-341		
1620	Two-band model for high-temperature superconductivity. 1994 , 17, 1-41		73
1619	Fullerenes and fullerites: New forms of carbon. 1994 , 107, 1077-1090		12
1618	Characterization of fullerenes using positrons. 1994 , 84, 413-419		2
1617	Molecular structure of C60 and high Tc superconductivity of K3C60. 1994 , 86, 455-465		
1616	Hebel-Slichter peak and superconducting energy gap in Rb3C60 observed by muon spin relaxation. 1994 , 86, 467-472		3
1615	Superconductivity in the quaternary intermetallic compounds LnNi2B2C. <i>Nature</i> , 1994 , 367, 252-253	50.4	820
1614	Optical measurements of the superconducting gap in single-crystal K3C60 and Rb3C60. <i>Nature</i> , 1994 , 369, 541-543	50.4	45
1613	Topological resonance energies of fullerenes and their molecular ions. 1994 , 311, 1-8		18
1612	Physical Properties of Metal-Doped Fullerene Superconductors. 1994 , 48, 349-384		9
1611	Doping effect of C60 on soluble polyaniline. 1994 , 66, 193-196		6
1610	Electron-Phonon Coupling, Coulomb Pseudo Potential μ^* and Physical Properties of C60 Compounds. 1994 , 263-285		
1609	Charge transfer at aluminum-C60 interfaces in thin-film multilayer structures. <i>Physical Review B</i> , 1994 , 50, 17740-17743	3.3	58
1608	Thermoelectric power of superconducting fullerenes. <i>Physical Review B</i> , 1994 , 49, 655-657	3.3	10
1607	High-resolution ¹³ C nuclear magnetic resonance in alkali intercalated fullerene C60. 1994 , 101, 4585-4592		21

1606	Geometric and electronic structures of Ti ₈ C ₁₂ cluster. 1994 , 3, 169-175		
1605	Intermolecular and intramolecular phonons in solid C ₆₀ : Effects of orientational disorder and pressure. <i>Physical Review B</i> , 1994 , 49, 5008-5019	3-3	36
1604	Translation-rotation coupling, phase transitions, and elastic phenomena in orientationally disordered crystals. 1994 , 66, 721-762		148
1603	Bipolarons. 1994 , 57, 1197-1288		332
1602	Crystal Structure, Bonding, and Phase Transition of the Superconducting Na ₂ CsC ₆₀ Fulleride. 1994 , 263, 950-4		120
1601	Lennard-Jones-potential calculation of C ₆₀ stage-one graphite. <i>Physical Review B</i> , 1994 , 50, 14678-14681,3	3-3	20
1600	Multiband effects on the superconductivity in doped C ₆₀ . <i>Physical Review B</i> , 1994 , 49, 7048-7051	3-3	4
1599	Non-Fermi liquid behavior of electrons in the half-filled honeycomb lattice (A renormalization group approach). 1994 , 424, 595-618		453
1598	Granularity and upper critical fields in K ₃ C ₆₀ . 1994 , 232, 22-26		5
1597	Ferrocenyl fulleropyrrolidines: a cyclic voltammetry study. 1994 , 589-590		85
1596	Raman scattering and lattice dynamics of fullerides M _x C ₆₀ . 1994 , 64, 341-352		8
1595	Computer simulation of materials using parallel architectures. 1994 , 2, 180-208		15
1594	Modifying the buckyball. 1994 , 2, 468-474		
1593	Geometry, stability and properties of metallo-carbohederenes. 1994 , 2, 638-642		2
1592	A stable fullerene complex: crystal and molecular structure of (BDMT-TTeF)(C ₆₀)·Cs ₂ . 1994 , 64, 319-321		20
1591	X-ray absorption near-edge structure (XANES) spectroscopy of fullerenes: inner-shell excitonic effects in fullerenes and the XANES spectrum of a higher fullerene C ₇₆ . 1994 , 64, 353-357		15
1590	Synthesis and characterisation of NaC ₆₀ ·5thf. 1994 , 267-268		29
1589	Equilibrium phases in K- and Rb-doped C ₆₀ from in situ infrared reflectivity measurements. <i>Physical Review B</i> , 1994 , 49, 15879-15889	3-3	147

- 1588 Superconductivity and structure of C60 doped with alkali and other metals. **1994**,
- 1587 Linear temperature dependent resistivity at constant volume in Rb3C60. **1994**, 72, 4121-4124 48
- 1586 Catalytic behaviour of alkali-metal fullerides, C60M6 and C70M6 (M = Cs, K, Na), in H2/D2 exchange and olefin hydrogenation. **1994**, 799-800 8
- 1585 Preparation of Fullerenes and Fullerene-Based Materials. **1994**, 109-148 38
- 1584 Electron-energy-loss spectra of crystalline C84. *Physical Review B*, **1994**, 49, 5054-5057 3-3 34
- 1583 Susceptibility Study of Site Selective Doped Fullerenes - K2RbC60, Rb3C60, K2CsC60, and Rb2CsC60. **1994**, 349, 301 4
- 1582 Structure Sequence and Physical Properties of Rubidium Fulleride C70Rbx. **1994**, 359, 313
- 1581 The Use of Superlattice Reactants in the Synthesis of Ternary CU-NB-SE Compounds. **1994**, 346, 75
- 1580 FI-STM Study of Fullerenes. **1994**, 349, 171
- 1579 Synthesis, Characterization and Properties of Ionic Metal Fullerene Adducts. **1994**, 349, 363
- 1578 Electronic and Structural Properties of Si46: A Novel Solid of Silicon Fullerenes. **1994**, 358, 55
- 1577 Doping of C60 Films Using High Energy Boron Ion Implantation. **1994**, 359, 433
- 1576 The Effects of Mechanical Alloying of C60 with Metals (II): Al and Mg.. **1994**, 359, 437
- 1575 Structure and Conductivity of Iodine-Doped C60 Thin Films. **1994**, 359, 443 1
- 1574 Solid State Properties of Fullerenes and Fullerene-Based Materials. **1994**, 48, 1-108 33
- 1573 SUPERCONDUCTING PROPERTIES OF FULLERENES. **1994**, 471-564 1
- 1572 Electrons and Phonons in C60-Based Materials. **1994**, 225-347 26
- 1571 Electronic States and Superconductivity in Alkali-Intercalated Fullerides: 13C-NMR Study in Na2RbC60, Na2CsC60, K3C60, K2RbC60, K2CsC60, KRbCsC60, Rb2CsC60 and RbCs2C60. **1994**, 63, 1139-1148 29

1570	Electron-Pair Potential in the Doped C60 Superconductors. 1994 , 2, 107-119		1
1569	An Application of Classical Molecular Dynamics Simulation and AB Initio Density-Functional Calculation in Surface Physics. 1994 , 12, 271-289		6
1568	Scanning Tunneling Microscopy Study of Granular Intercalated Fullerenes. 1994 , 245, 289-294		
1567	Superconductivity in Doped Fullerites. 1994 , 245, 345-351		1
1566	Molecular viewpoint on high-temperature superconductivity Importance of orbital degeneracy. <i>Molecular Physics</i> , 1994 , 82, 1079-1098	1.7	5
1565	AC Susceptibility Investigations of Superconducting Doped Fullerenes AxC60. 1994 , 245, 327-332		
1564	The Structures of Endohedral Complexes between C60 and Alkali or Halogen Atoms, and the Interactions between them I A Theoretical Approach. 1994 , 187, 33-43		4
1563	Superconductivity in C60 based solids. 1994 , 70, 627-636		2
1562	129I-Mössbauer and X-Ray Diffraction Studies of the Iodine-Fullerene Compound C60(I2)n. 1994 , 245, 313-320		4
1561	New physics of metals: fermi surfaces without Fermi liquids. 1995 , 92, 6668-74		11
1560	Three-Dimensional Sulfur-Based Donor: A Novel Dimeric TTF Derivative of a Cross-Cyclophane Type. 1995 , 24, 579-580		22
1559	ESR, XPS, UV-VIS and FT-IR investigations on the interaction of no and O2 with highly dispersed C60 supported on silica, titania and alkali cation-exchanged Y-zeolites. 1995 , 21, 631-642		7
1558	Dilithiumacepentaleendiid: ein ungewöhnliches Dimer von Kontaktionen-Tripeln mit schalenförmigen Dianionen. 1995 , 107, 1642-1644		20
1557	Complete assignment and additivity rule for 1H and 13C chemical shifts of non-planar, nonacyclic aromatic hydrocarbons. 1995 , 33, 95-103		4
1556	Metal-coated fullerenes. <i>Carbon</i> , 1995 , 33, 995-1006	10.4	61
1555	FT IR transmission spectral study of some single crystals of C60 clathrates. 1995 , 233, 291-297		22
1554	ESR spectra on single crystals of alkali metal fulleride complexes by means of wet-chemical synthesis. 1995 , 238, 116-121		33
1553	Eu fulleride formation studied by photoemission spectroscopy. 1995 , 239, 103-106		14

1552	Alkali effects on the electronic states of K ₃ C ₆₀ and Rb ₃ C ₆₀ . 1995 , 240, 627-632	36
1551	Superconducting transition at 12.5 K in Rb _x C ₆₀ . 1995 , 241, 154-160	3
1550	An ESR study on the thermal electron excitation of a sodium atom incorporated in a silicon clathrate compound. 1995 , 246, 167-170	30
1549	Electronic structure study of K _x C ₆₀ compounds with x > 6. 1995 , 247, 257-263	24
1548	Debye-Waller Factors in Na _x C ₆₀ . 1995 , 30, K37-K39	
1547	Photoelectron spectra of fullerenes C ₆₀ , C ₇₀ , C ₇₆ , C ₈₀ . 1995 , 348, 401-404	9
1546	Pairing energy of hole-doped C ₆₀ . 1995 , 199, 391-394	3
1545	Synthesis of fullerenes from coal. 1995 , 45, 203-212	14
1544	Studies of magnetic characterization and critical current density in Rb ₃ C ₆₀ . 1995 , 255, 105-112	2
1543	Optical properties of C ₆₀ - and C ₇₀ -based solid films. 1995 , 257, 211-232	90
1542	Deposition of uniform fullerene films by LB technique. 1995 , 256, 186-191	25
1541	Electrochemical doping of alkali metals into C ₆₀ thin film. 1995 , 8, 5-8	6
1540	On the normal and superconducting properties of Ba ₆ C ₆₀ . 1995 , 8, 67-70	3
1539	Darstellung und Charakterisierung der Fulleren-Kokristallisate C ₆₀ · 12 C ₆ H ₁₂ , C ₇₀ · 12 C ₆ H ₁₂ , C ₆₀ · 12 CCl ₄ , C ₆₀ · 2 CHBr ₃ , C ₆₀ · 2 CHCl ₃ , C ₆₀ · 2 H ₂ CCl ₂ . 1995 , 621, 14-18	28
1538	Band structure studies on crystalline C ₆₀ , Ca ₃ C ₆₀ , and Ca ₅ C ₆₀ . 1995 , 54, 265-270	2
1537	An Analytical Model for Screened Coulomb Interaction in a C ₆₀ Cluster. 1995 , 189, 153-162	3
1536	Ginzburg-Landau Equations and the Upper Critical Magnetic Field in Graphite Intercalation Compounds. 1995 , 189, 185-191	14
1535	Effects of annealing on the electrical conductivity of C ₆₀ films. 1995 , 261, 266-270	10

1534	Fullerenes, nanotubes, onions and related carbon structures. 1995 , 15, 209-262	118
1533	Superconductivity and cation-vacancy ordering in the rare-earth fulleride Yb _{2.75} C ₆₀ . <i>Nature</i> , 1995 , 375, 126-129	50.4 97
1532	Photophysical studies on charge transfer complexes of β -cyclodextrin-C ₆₀ with electron-rich amines and sulphur compounds. 1995 , 85, 63-67	9
1531	The influence of the surface nature on scattering, fragmentation and deposition processes in C ₆₀ + collisions with solid surfaces. 1995 , 193, 199-210	29
1530	Granular superconductivity in a conducting polymer-fullerene-alkali metal composite. 1995 , 205, 317-326	19
1529	Photophysical and photochemical processes in fullerenes under high-intensity illumination. 1995 , 54, 149-158	5
1528	Superconductivity, vibrational and lattice dynamics of Rb ₃ C ₆₀ . 1995 , 213-214, 16-21	1
1527	Preparation of superconducting K ₃ C ₆₀ and Rb ₃ C ₆₀ by precipitation from liquid ammonia. 1995 , 243, 29-34	9
1526	Pressure induced rotational ordering phase transition in solid C ₆₀ . 1995 , 56, 535-537	3
1525	The spatially resolved composition of K-doped C ₆₀ films. 1995 , 257, 204-210	4
1524	Temperature and concentration dependent conductivity of potassium doped C ₆₀ films in relation to the phase diagram. 1995 , 93, 633-639	8
1523	Superconductivity at 40K in cesium doped C ₆₀ . 1995 , 93, 327-330	206
1522	Doped polyaniline with C ₆₀ . 1995 , 93, 681-684	19
1521	Solid-state magnetic resonance study of NaC ₆₀ (THF) ₃ . 1995 , 95, 239-243	4
1520	Preparation of LB films of C ₆₀ doped poly(3-alkylthiophene)s and electronic properties of their Schottky diodes. 1995 , 95, 695-699	16
1519	Superconductivity of Ba doped C ₆₀ χ sceptibility results and upper critical field. 1995 , 96, 539-544	43
1518	Recent studies on electrical and magnetic properties of molecular solids. 1995 , 18, 395-403	
1517	Activation and tracer techniques for study of metallofullerenes. 1995 , 192, 81-89	43

1516	Destruction of C60 films by boron ion bombardment. 1995 , 100, 55-58		13
1515	Ion implantation doping and electrical conductivity enhancement of C60 films. 1995 , 100, 502-504		6
1514	HMTTEF.C60-A 2-D close-packed layered compound of C60. 1995 , 30, 1547-1552		
1513	Electronic structure and bonding in Si70. 1995 , 330, 177-180		6
1512	Nonlinear optical properties of the substituted fullerenes C59X (X=B,N). <i>Physical Review B</i> , 1995 , 52, 9066-9070	3-3	46
1511	Preparation and electronic structure of phase pure K3C60. 1995 , 98, 9-15		19
1510	Electron paramagnetic and muon spin resonance studies in fullerenes. 1995 , 8, 277-310		5
1509	Band reconstructions of KxC60 caused by the cooperative Jahn-Teller effect. <i>Physical Review B</i> , 1995 , 52, 13715-13717	3-3	14
1508	Structural and electronic properties of C59X (X=B,N): The extended Su-Schrieffer-Heeger model. <i>Physical Review B</i> , 1995 , 51, 1977-1980	3-3	38
1507	Extended SSH model approach to dopyballsC 58 B 2 andC 58 N 2. 1995 , 97, 433-437		11
1506	Electronic Structure of C78and C78-Graphite Cointercalation Compound. 1995 , 64, 2100-2105		28
1505	Distribution of K ions in intermediate KC60. <i>Physical Review B</i> , 1995 , 52, 3199-3205	3-3	22
1504	Characterization of buried K-fulleride layers formed by ion implantation. 1995 , 77, 1029-1033		6
1503	Electronic structures and stability of Si60 and C6060 clusters. <i>Physical Review B</i> , 1995 , 52, 4756-4759	3-3	32
1502	Excitons in C60 studied by temperature-dependent optical second-harmonic generation. <i>Physical Review B</i> , 1995 , 52, 17158-17164	3-3	40
1501	Structural and electronic properties of (NH3)xK3C60. <i>Physical Review B</i> , 1995 , 52, 483-489	3-3	56
1500	Pairing in C60: A Gutzwiller approach. <i>Physical Review B</i> , 1995 , 52, 6081-6086	3-3	7
1499	Ab initio investigation of the vibrational and geometrical properties of solid C60 and K3C60. <i>Physical Review B</i> , 1995 , 51, 5805-5813	3-3	35

1498	Metal-semimetal transitions in the extended Hubbard model on the fcc lattice: Implications for superconducting fullerenes. <i>Physical Review B</i> , 1995 , 51, 3031-3037	3-3	3
1497	Dynamic Jahn-Teller effect in C60: Self-trapped excitons and resonant Raman scattering. <i>Physical Review B</i> , 1995 , 51, 10209-10212	3-3	10
1496	Rotational dynamics of C60- and electronic excitation in Rb4C60. <i>Physical Review B</i> , 1995 , 52, 13300-13305	3-3	31
1495	Superelectrons from Shrunken Atoms in the Charge-Transfer Organic Compounds. 1995 , 258, 299-314		1
1494	Interaction sites of a Na ⁺ ion and a Na atom with a C60 molecule. 1995 , 52, 141-148		20
1493	Face-centered-cubic to orthorhombic phase transition in single-crystal RbC60 analyzed by Raman scattering. <i>Physical Review B</i> , 1995 , 52, 7115-7123	3-3	36
1492	Nuclear magnetic resonance of A3C60 superconductors. 1995 , 74, 1649-1652		61
1491	C60 Films Formed by Ionized Cluster Beam Deposition: Structure and Doping by Ion Implantation. 1995 , 3, 469-478		4
1490	Structural and electronic properties of polymeric fullerene chains. <i>Physical Review B</i> , 1995 , 52, 2935-2940	3-3	15
1489	Preparation and Properties of Lithium-Doped Ceo By Lithium Azide. 1995 , 3, 545-552		3
1488	Renormalization-group approach to the Coulomb pseudopotential for C60. <i>Physical Review B</i> , 1995 , 52, 3083-3086	3-3	6
1487	Alkali-metal-fulleride phase equilibria. <i>Physical Review B</i> , 1995 , 51, 1830-1843	3-3	68
1486	Structural and electronic properties of Li- and Cu-doped beta -rhombohedral boron constructed from icosahedral and truncated icosahedral clusters. <i>Physical Review B</i> , 1995 , 52, 6102-6110	3-3	60
1485	Tetrahis(dimethylamino)ethylene-C60: Multicomponent superexchange and Mott ferromagnetism. <i>Physical Review B</i> , 1995 , 52, 10114-10121	3-3	66
1484	Semiempirical estimation of the intermolecular electron-phonon coupling in K3C60 and Rb3C60. <i>Physical Review B</i> , 1995 , 51, 12715-12720	3-3	11
1483	Superconductivity in the silicon clathrate compound (Na,Ba) _x Si ₄₆ . 1995 , 74, 1427-1429		345
1482	Electron-electron and electron-phonon interactions in alkali-metal-doped C60. <i>Physical Review B</i> , 1995 , 52, 14206-14218	3-3	26
1481	Universal form of Hall coefficient in K and Rb doped single crystal C60. 1995 , 74, 1637-1640		11

1480	Electronic states of alkali-metal-doped C60 phases. <i>Physical Review B</i> , 1995 , 51, 6852-6862	3-3	15
1479	Charge transfer and structure in C60 adsorption on metal surfaces. <i>Physical Review B</i> , 1995 , 51, 10039-10047	3-3	125
1478	Superconductivity at 8 K in samarium-doped C60. <i>Physical Review B</i> , 1995 , 52, 15534-15536	3-3	48
1477	Force-constant model of a fullerene based on a first-principles method and bond-population analysis: Applications to C60 and C70. <i>Physical Review B</i> , 1995 , 51, 4533-4540	3-3	13
1476	Molecular structure and chemical bonding in K3C60 and K6C60. <i>Physical Review B</i> , 1995 , 51, 2087-2097	3-3	40
1475	Locations of Rb ions in A2RbC60 (A=Na,K) superconductors. <i>Physical Review B</i> , 1995 , 51, 3038-3041	3-3	13
1474	Complete optical response of the magnetic fullerene derivative tetrakis(dimethylamino)ethylene-C60. <i>Physical Review B</i> , 1995 , 51, 1366-1369	3-3	29
1473	Effect of electron correlation on vibrational frequencies of Ag modes in C60. <i>Physical Review B</i> , 1995 , 51, 7451-7455	3-3	4
1472	LUMO band of K-doped C60 single phases: A photoemission and yield-spectroscopy study. <i>Physical Review B</i> , 1995 , 51, 1096-1104	3-3	26
1471	Hubbard model and fullerenes: Stability of the Nagaoka state. <i>Physical Review B</i> , 1995 , 51, 1315-1317	3-3	5
1470	ESR study of soft ferromagnetic. <i>Physical Review B</i> , 1995 , 52, 7378-7383	3-3	20
1469	Preparation of Self-Assembled Fullerene-Diaminododecane Multilayer Films on (MeO)Si(CH3)2(CH2)4NH2-Modified Oxide Surfaces. 1995 , 267, 139-144		5
1468	Structural Transition of C60 On Iodine Doping By Solid-Vapor Reaction. 1995 , 3, 587-601		1
1467	Band Gaps of Na2C60 and K4C60. 1995 , 3, 389-398		5
1466	Effects of Annealing on the Conductivity of C60 Thin Films. 1995 , 3, 495-509		7
1465	Orientational Ordering in Anisotropic Fullerenes. 1995 , 265, 225-236		
1464	Spectral Properties of Single Crystals of the 2:1 Product of C60 and Tetrathiotetracene. 1995 , 3, 511-527		8
1463	Intramolecular Negative-Effect in the Alkali-Metal-Doped C60; A2C60 and A4C60. 1995 , 3, 11-20		2

1462	Electrical Characterization of C60 Evaporated Films Using MOS Structure. 1995 , 267, 423-428		3
1461	Site-Pairing of Electron in Doped C 60. <i>Chinese Physics Letters</i> , 1995 , 12, 453-456	1.8	1
1460	Heterojunctions of solid C60 and crystalline silicon: rectifying properties and energy-band models. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, L201-L207	1.8	16
1459	Relationship between positron lifetime and temperature in C60. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 8377-8381	1.8	1
1458	Persistent Photoconductivity in C_{60} -Doped Poly(3-alkylthiophene). <i>Japanese Journal of Applied Physics</i> , 1995 , 34, L127-L130	1.4	15
1457	μ +SR study of zero-field magnetic ordering in CsC60. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, L567-L573	1.8	23
1456	Magnetic Relaxation in K_3C_{60} Superconductors Prepared with Potassium Hydride. <i>Japanese Journal of Applied Physics</i> , 1995 , 34, 4774-4778	1.4	2
1455	Photoluminescence Quenching in Polysilanes by Fullerene Doping and Effective Photoinduced Charge Transfer Depending on Aromatic Side Group. <i>Japanese Journal of Applied Physics</i> , 1995 , 34, L141-L144	1.4	20
1454	Compton Profiles and Electronic Density in C 60. 1995 , 31, 87-93		14
1453	Alkali-Metal Doping of Langmuir-Blodgett Films of C_{60} Studied by ESR. <i>Japanese Journal of Applied Physics</i> , 1995 , 34, L1227-L1229	1.4	11
1452	Superconductivity in Conducting Polymer/Fullerene Composite Doped by Alkali Metal. <i>Japanese Journal of Applied Physics</i> , 1995 , 34, L1041-L1044	1.4	15
1451	Optical study of electronic structures and phonons in alkali-metal-doped C60. <i>Physical Review B</i> , 1995 , 51, 3678-3685	3.3	52
1450	Fullerenes and fullerites: New forms of carbon. 1995 , 70, 1309-1312		3
1449	Electronic structure of K_3C_{60} compounds studied using electron energy-loss spectroscopy. 1995 , 70, 1321-1324		15
1448	Equilibrium phases in alkali metal doped C60 films and single crystals from in situ IR-reflectivity. 1995 , 70, 1329-1332		9
1447	Photoelectron spectra of higher fullerenes and their potassium complexes. 1995 , 70, 1337-1340		9
1446	Pseudo-gap and effective mass enhancement in alkali metal doped C60. 1995 , 70, 1361-1362		6
1445	New features of photoconductivity in fullerene doped conducting polymer. 1995 , 70, 1363-1364		1

1444	Photoinduced absorption and luminescence in fullerene and its composite films with organic compound. 1995 , 70, 1405-1406	2
1443	Langmuir-Blodgett superconductors based on C60, new donor-acceptor systems, and a new conducting polymer. 1995 , 70, 1435-1438	7
1442	Synthesis and characterization of some fulleride compounds by electrocrystallization of C60. 1995 , 70, 1451-1452	8
1441	A fullerene complex of BDMT-TTeF. 1995 , 70, 1457-1458	7
1440	Preparation and properties of fullerene doped polyaniline. 1995 , 70, 1463-1464	13
1439	Preparation and abnormal magnetic properties of charge transfer complex of C60 with tetrakis - (N-pyrrolidinyl) - ethylene. 1995 , 70, 1471-1472	1
1438	Multiband effects on superconductivity in A3C60. 1995 , 70, 1491-1492	
1437	Deformed lattice structure of C60. 1995 , 70, 1499-1500	1
1436	Structure and conductivity of layered oxides (Ba,Sr) _{n+1} (Sn,Sb) _n O _{3n+1} . 1995 , 71, 1617-1618	3
1435	New results on molecular inorganic and organic conductors. 1995 , 71, 1845-1848	5
1434	Preparation and characterization of fullerene and poly (p-methyl)phenyl methacrylate Langmuir-Blodgett films. 1995 , 71, 2065-2066	2
1433	In situ microscopic observation of nucleation and growth processes in electrodeposition of (BEDT-TTF) ₂ Cu(NCS) ₂ thin films from a homogeneous solution. 1995 , 73, 165-170	3
1432	Formation of Langmuir-Blodgett heterostructures of fullerene with amphiphilic matrix molecules. 1995 , 73, 285-287	4
1431	The coadsorption of metals and molecular icosahedra on Cu(100). 1995 , 328, 47-57	7
1430	Growth mechanism of silicon carbide films on silicon substrates using C60 carbonization. 1995 , 344, 23-32	37
1429	Infrared spectroscopy of fullerenes. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 6601-6624	1.8 82
1428	Fullerenes and Fullerene Derived Solids as Electronic Materials. 1995 , 25, 487-523	44
1427	A Comparative Study of Buckminsterfullerene and Higher Fullerene Separations by HPLC. 1995 , 18, 1047-1076	13

- 1426 Atomic clusters: Building blocks for a class of solids. *Physical Review B*, **1995**, 51, 13705-13716 3-3 367
- 1425 A green fullerene: synthesis and electrochemistry of a Diels-Alder adduct of [60]fullerene with a phthalocyanine. **1995**, 103-104 128
- 1424 Spontaneous Magnetic Ordering in the Fullerene Charge-Transfer Salt (TDAE)C₆₀. **1995**, 267, 1799-802 98
- 1423 Preparation of Barium-Containing Silicon Clathrate Compound. **1995**, 3, 21-28 51
- 1422 Analysis of the T1u. *Physical Review B*, **1995**, 52, 5996-6005 3-3 102
- 1421 Mott transition in degenerate Hubbard models: Application to doped fullerenes. *Physical Review B*, **1996**, 54, R11026-R11029 3-3 129
- 1420 Fullerene Derivatives in Poly(methyl methacrylate): An EPR and Zero-Field ODMR Study of Their Photoexcited Triplet States. **1996**, 100, 13416-13420 17
- 1419 In-situ fabrication of tungsten nanocrystal encapsulated carbon ball in TEM. **1996**, 27, 121-124 4
- 1418 Superconductivity of C₆₀ Langmuir-Blodgett Films Doped with Potassium: Low-Field Signal and Electron Spin Resonance Study **1996**, 12, 3932-3937 26
- 1417 Characterization of Fullerenes Obtained from Boron Nitride Containing Graphite Electrodes: Electronic Structure of C₆₀-X-YBN and Deformed C₆₀. **1996**, 4, 491-507 28
- 1416 Hypothetical C(60) Metal-Cluster Fullerides and General Aspects of Tetrahedral Cluster Bonding. **1996**, 35, 4369-4377 10
- 1415 Evidence for the Existence of Sulfur-Doped Fullerenes from Elucidation of Their Photophysical Properties. **1996**, 8, 123-127 21
- 1414 X-ray Absorption Near-Edge Structure (XANES) of Iodine Intercalated C₆₀: Evidence of I₂⁺ in I₂C₆₀. **1996**, 8, 324-326 14
- 1413 Rapid Synthesis of Alkali-Metal Fullerides Using a Microwave-Induced Argon Plasma. **1996**, 8, 394-400 20
- 1412 Hypothetical Three-Dimensional Metallic Compounds of C₆₀ with Transition Metal Clusters. **1996**, 118, 3315-3316 7
- 1411 Theoretical investigation of the C₆₀ infrared spectrum. *Physical Review B*, **1996**, 53, 13864-13870 3-3 41
- 1410 Structural and electronic factors influencing the superconductivity in alkali-metal-doped superconductors A₃C₆₀. **1996**, 78, 7-10 1
- 1409 Morphology of (KC₆₀)_n polymeric fibers. **1996**, 80, 29-34 9

1408	Field-induced metal diffusion into C60 thin films. 1996 , 77, 59-61		9
1407	Nonlinear optical properties of fullerenes. 1996 , 77, 257-263		32
1406	Metal Complexes of Dithiolate Ligands: 5,6-Dihydro-1,4-dithiin-2,3-dithiolato (dddt(2-)), 5,7-Dihydro-1,4,6-trithiin-2,3-dithiolato (dtdt(2-)), and 2-Thioxo-1,3-dithiole-4,5-dithiolato (dmit(2-)). Synthesis, Electrochemical Studies, Crystal and Electronic Structures, and Conducting Properties. 1996 , 35, 3856-3873		36
1405	Transport and Thermal Properties. 1996 , 556-615		
1404	Structure and electrical characteristics of ICBD C60 films. 1996 , 63, 353-357		2
1403	Field-effect studies of C60 thin films before and after implantation with potassium. 1996 , 81, 259-263		4
1402	Photoemission from diamond and fullerene films for advanced accelerator applications. 1996 , 24, 428-438		4
1401	Structural Characterization of the New Fullerene-Rare Gas Compound Ar1C60. 1996 , 4, 853-862		19
1400	Variational approach to the Hubbard model in a C60 cluster. <i>Physical Review B</i> , 1996 , 53, 11729-11733	3-3	3
1399	Studies of C60 Oxidation and Products. 1996 , 100, 4503-4506		21
1398	Temperature dependence of the band gap in C60 crystals. 1996 , 79, 1784-1787		22
1397	Excitons in solid C60. <i>Physical Review B</i> , 1996 , 54, 10970-10977	3-3	43
1396	Ab Initio Calculations of Fullerenes. 1996 , 271, 942-945		103
1395	Determination of C60 and/or C70 Concentrations. 1996 , 4, 699-714		2
1394	Synthesis, reactivity, structure and electronic properties of [N(CH3)4]C60·1.5thf: fullerides with simple hexagonal packing. 1996 , 6, 1913-1920		15
1393	Synthesis of AxC60 Film by Electrolysis. 1996 , 280, 289-294		3
1392	The alkali-metal doped C60: what can we learn from the optical properties. <i>Physica Scripta</i> , 1996 , T66, 272-276	2.6	2
1391	Magnetically modulated microwave absorption MMA in investigation of superconductors. 1996 , 167-183		3

1390	Synthesis of Closely Spaced Porphyrin-Fullerene. 1996 , 25, 199-200	36
1389	Thermal Study of a Silylmethylated Fullerene Leading to Preparation of Its Vacuum Deposited Thin Films. 1996 , 25, 519-520	2
1388	Molecular complexes of fullerene with 9,9- <i>trans</i> -bis(telluraxanthenyl) (BTX): BTX·C ₆₀ ·CS ₂ and BTX·C ₆₀ . 1996 , 6, 3-5	11
1387	Superconductivity in Alkali-Ammonia Complex Fullerenes. 1996 , 285, 181-186	1
1386	Structure and vibrational spectrum study of low-temperature crystal phase of fullerene C ₇₀ . 1996 , 46, 2711-2712	2
1385	Vertex-corrected tunneling inversion in superconductors. 1996 , 46, 603-604	
1384	Superconducting materials and applications. 1996 , 19, 1031-1046	
1383	Microclusters as superatoms for developing new materials. 1996 , 19, 1047-1058	3
1382	Preparation of C ₆₀ single crystalline thin film by ionized cluster beam deposition and ion implantation into single crystalline C ₆₀ thin film. 1996 , 112, 94-98	8
1381	ESR spectroscopic studies of alkylammonium, pyridinium and arsonium solid salts of C ₆₀ . 1996 , 11, 239-251	6
1380	Size dependence of the electronic and magnetic properties of fullerenes (C ₆₀ -C ₂₄₀). 1996 , 37, 165-167	4
1379	Surface-enhanced Raman spectroscopy of monolayer C ₆₀ Langmuir-Blodgett films. 1996 , 274, 147-149	11
1378	X-ray spectra and electronic structure of K _x C ₆₀ . 1996 , 37, 447-451	
1377	A new layer-structured nitride superconductor. Lithium-intercalated zirconium nitride chloride, Li _x ZrNCl. 1996 , 8, 771-774	174
1376	Investigation on the interaction on and the rotation of C ₆₀ in alkali-doped complexes AXA ₃ -XC ₆₀ (X = 1, 2, 3; A, A' = alkali). 1996 , 60, 1577-1583	
1375	Solvent/C ₆₀ interactions evidenced in the resonance Raman spectrum of C ₆₀ . 1996 , 248, 353-360	26
1374	Local structures around the Rb ⁺ ion in K ₂ RbC ₆₀ and KRb ₂ C ₆₀ studied by Rb K-edge EXAFS. 1996 , 255, 19-24	1
1373	Voltammetric behavior of the C ₆₀ -β-cyclodextrin inclusion complex (1:2) on hmde in an aqueous solution. 1996 , 41, 2897-2901	14

- 1372 The isotope effect in the doped-fullerene superconductors. **1996**, 98, 1101-1104
- 1371 2D fractal pattern in fullerene doped polymer. **1996**, 97, 579-582 20
- 1370 Design of solid C70 conductor: Na₂CsC70. **1996**, 99, 891-896 6
- 1369 Temperature dependence of lattice constant and lattice vibration of Rb₃C₆₀ crystals. **1996**, 100, 153-156 2
- 1368 High resolution ¹³C NMR investigation of A₆C₆₀ (A=K, Rb, Cs) and Ba₃C₆₀. **1996**, 100, 493-496 11
- 1367 Thin film, fullerene-based materials. **1996**, 52, 5113-5130 163
- 1366 Synthesis and electrochemical properties of substituted fulleropyrrolidines. **1996**, 52, 5221-5234 235
- 1365 Mono- and dianion of benzoquinone-linked [60]fullerene. **1996**, 37, 7987-7990 26
- 1364 The Eliashberg electron-photon theory for the superconducting alkali-metal-doped fullerenes. **1996**, 219-220, 169-171 2
- 1363 A new metastable superconductor Li₂Na₁NyC₆₀ prepared from azides. **1996**, 259, 265-270 5
- 1362 Multiphase superconductivity in OO-PPV/C₆₀ composite doped by alkali metals low-field microwave absorption and SQUID study. **1996**, 264, 161-171 13
- 1361 Synchrotron radiation studies on metal/semiconductor interface electronic structures. **1996**, 80, 155-160
- 1360 Relaxation process of charge transfer in C₆₀: A normal mode analysis. **1996**, 220, 275-280 2
- 1359 Formation in situ of electrodeposited fulleride film on a microelectrode. **1996**, 408, 101-105 2
- 1358 Selenium intercalated solid C₆₀. **1996**, 252, 101-106
- 1357 The trend of magnetic irreversibility for Rb₃C₆₀ and its implications. **1996**, 272, 131-136
- 1356 Band gaps of doped and undoped films of molecular icosahedra. **1996**, 217-218, 64-68 29
- 1355 Physics of cluster assembled materials. **1996**, 217-218, 218-222 16

1354	Production of radioactive fullerene families using accelerators. 1996 , 217-218, 38-41		17
1353	Photoemission study of K- and Sc-doped C84. 1996 , 78, 457-460		2
1352	Optical spectroscopy on alkali-metal doped fullerene compounds. 1996 , 105, 1671-1680		4
1351	Sorption studies of helium and neon by crystals of C60 and C70. 1996 , 102, 31-59		9
1350	Effects and uses of ion beams with diamond, DLC and fullerene films. 1996 , 47, 1249-1258		29
1349	Linear optical properties of the dopyballs C60BXn (X = B or N; n = 1, 2). 1996 , 193, 205-212		4
1348	Experimental and Theoretical Study of the Infrared, Raman, and Electronic Spectra of Two Isomers of C78 of C2v Symmetry. 1996 , 100, 13399-13407		44
1347	New Superconducting Phase in Potassium Amalgam Doped Fullerenes. <i>Japanese Journal of Applied Physics</i> , 1996 , 35, 3392-3395	1.4	1
1346	The structural changes of polycrystalline film C60/C70:Ni caused by Ni diffusion. 1996 , 11, 3146-3151		2
1345	Electrical and Optical Properties of Ion Implanted C60. 1996 , 4, 1299-1315		5
1344	Magnetism in C60 Charge Transfer Complexes. 1996 , 4, 677-698		24
1343	High-resolution 13C NMR investigation in Cs4C60. <i>Physical Review B</i> , 1996 , 54, 5164-5167	3.3	9
1342	Raman scattering in calcium-doped C60. <i>Physical Review B</i> , 1996 , 54, 3971-3975	3.3	13
1341	Thermally activated flux creep in K3C60 single crystals. <i>Physical Review B</i> , 1996 , 54, 14952-14955	3.3	5
1340	Interactions of the Na2 dimer with a C60 molecule. 1996 , 54, 2205-2215		13
1339	Metal-insulator transition in ammoniated K3C60. <i>Physical Review B</i> , 1996 , 53, R8836-R8839	3.3	72
1338	Superconductivity of fcc fullerenes containing off-centered octahedral cations. <i>Physical Review B</i> , 1996 , 54, R15653-R15656	3.3	38
1337	NMR study in the superconducting silicon clathrate compound NaxBaySi46. <i>Physical Review B</i> , 1996 , 54, 13242-13246	3.3	45

- 1336 Rectification properties and interface states of heterojunctions between solid C60 and n-type GaAs. **1996**, 69, 3557-3559 15
- 1335 Discrete-variational X alpha calculations of C60Fx with x=0, 36, and 48. *Physical Review B*, **1996**, 53, 16653-16655; 16653
- 1334 Correlation effects on electronic and optical properties of a C60 molecule: A variational Monte Carlo study. *Physical Review B*, **1996**, 54, 13611-13615 3:3 3
- 1333 Dielectric properties of orientationally ordered/disordered C60(111) films. *Physical Review B*, **1996**, 54, 17215-17222 3:3 15
- 1332 Molecular motion and phase transition in K3C60 and Rb3C60 by nuclear magnetic resonance. *Physical Review B*, **1996**, 54, 6155-6166 3:3 24
- 1331 Orbital disproportionation of conduction-electron density in cubic lattices with threefold degenerate site orbitals. *Physical Review B*, **1996**, 53, 15522-15528 3:3 13
- 1330 Pressure dependence of the electronic density of states and Tc in superconducting Rb3C60. *Physical Review B*, **1996**, 54, R9662-R9665 3:3 31
- 1329 Nonlinear resistivity and critical behavior of metal-overlayer percolation systems on epitaxial fullerene films. *Physical Review B*, **1996**, 54, 9840-9845 3:3 5
- 1328 Landau damping and lifting of vibrational degeneracy in metallic potassium fulleride. *Physical Review B*, **1996**, 53, 655-661 3:3 64
- 1327 Lower critical fields of alkali-metal-doped fullerene superconductors. *Physical Review B*, **1996**, 54, R9651-R9654; 9651 3:3 13
- 1326 Superconductivity in K3Ba3C60. *Physical Review B*, **1996**, 54, 14960-14962 3:3 28
- 1325 Ne-intercalated C60: Pressure dependence of Ne-site occupancies. *Physical Review B*, **1996**, 53, 1675-1678; 1675 3:3 38
- 1324 Electric-field-induced Mott metal-insulator transition. *Physical Review B*, **1996**, 53, 10141-10147 3:3 24
- 1323 Electron Donor-Acceptor Aspect of Superconductivity in Metal-C60 Complexes. **1996**, 285, 193-198
- 1322 Fullerene Single Crystals: Structure and Electronic Properties. **1996**, 4, 227-255 6
- 1321 Organometallic Complexes of Fullerenes. **1996**, 44, 1-43 29
- 1320 The Rectification Studies on the P+-Ion Implanted C60/Si Films. **1996**, 4, 963-975 1
- 1319 Computational Study on the Endohedral Isomers of C60H2. **1996**, 4, 67-86

1318	A Search for New Ionic C60 Charge Transfer Complexes. 1996 , 284, 345-356		13
1317	Magnetic Properties of Some Fullerene Compounds. 1996 , 4, 1227-1246		3
1316	Magnetic properties of fullerene superconductors. 1996 , 9, 599-615		49
1315	Phase transitions in organic conductors and superconductors [the role of external and internal pressure. 1996 , 57, 81-103		3
1314	Fullerene stability and structure. 1996 , 37, 235-247		23
1313	Electron-Phonon and Exchange Interactions in the One-Dimensional π d Electron Systems. 1996 , 286, 323-328		
1312	High-Pressure Photoluminescence Study of Fullerene C70 1996 , 100, 8064-8065		1
1311	Structural and Optical Nonlinear Characterizations of Langmuir-Blodgett Films of 1-Benzyl-9-hydrofullerene-60. 1996 , 100, 16629-16632		7
1310	The third-order polarizability of the substitute-doped fullerenes. 1996 , 29, 1563-1568		9
1309	Growth of Single Crystals of C_{60} and C_{70} . <i>Japanese Journal of Applied Physics</i> , 1996 , 35, L45-L47	1.4	3
1308	Logarithmic AC Response in Rb_3C_{60} Crystals. <i>Japanese Journal of Applied Physics</i> , 1996 , 35, 3396-3400	1.4	1
1307	Anomalous electronic behaviour of Na superfullerides: theory and experiment. 1996 , 34, 699-704		36
1306	The plasma for material processing. 1996 , 5, 288-292		6
1305	Molecular dynamics simulation of observed and alignments on the Si(100) reconstructed surface. 1996 , 4, 101-110		2
1304	Neutron studies of vibrations in fullerenes. 1996 , 59, 473-510		46
1303	Two-Dimensional Animal-Like Fractals in Thin Films. <i>Chinese Physics Letters</i> , 1996 , 13, 121-124	1.8	1
1302	The LUMO-derived band of the [Formula: see text] phases. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 7221-32	1.8	3
1301	Electron states at a solid interface. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, L691-L696	1.8	

1300	Ferromagnetic Tendency of TDAE-Fullerene-Conducting Polymer System. <i>Japanese Journal of Applied Physics</i> , 1996 , 35, L640-L643	1.4	3
1299	Extended SSH model for C ₅₈ B ₂ and C ₅₈ N ₂ . 1996 , 5, 170-175		
1298	A lattice-gas model for alkali-metal fullerenes: face-centred-cubic structure. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 10959-10971	1.8	3
1297	Formation of water soluble complexes of : solid-state reaction between tertiary amines and. 1996 , 29, 5015-5021		1
1296	Adsorption of Sm on C ₆₀ Film. <i>Chinese Physics Letters</i> , 1996 , 13, 65-68	1.8	
1295	Spin-glass behaviour of nanocrystalline diamond intercalated with potassium. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 8325-8332	1.8	3
1294	Scanning tunneling microscopy of fullerenes on metal and semiconductor surfaces. 1997 , 40, 275-290		6
1293	Flux Pinning and Vortex Dynamics in K ₃ C ₆₀ Crystals. <i>Japanese Journal of Applied Physics</i> , 1997 , 36, 105-109		4
1292	Thin Films of C ₆₀ doped with Pb. <i>Japanese Journal of Applied Physics</i> , 1997 , 36, 2176-2178	1.4	
1291	Effect of the symmetry and shape on the nonlinear optical susceptibilities of five fullerene isomers. 1997 , 30, 1323-1330		7
1290	Electronic structure close to the Fermi energy of at room temperature. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 11151-11156	1.8	1
1289	Infrared study of group V hexafluoride fullerenes. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 7223-7232		9
1288	Electron Attachment to a Negative Ion: e ⁻ +C ₈₄ →C ₈₄ ⁻ . 1997 , 78, 4367-4370		102
1287	Intramolecular Charge Disproportionation and the Band Structure of A ₃ C ₆₀ Superconductors. 1997 , 78, 3725-3728		26
1286	Photoemission and electron-energy-loss-spectroscopy study of C ₆₀ monolayers adsorbed on Cs-precovered Au(110) and of bulk distilled C _s xC ₆₀ . <i>Physical Review B</i> , 1997 , 55, 7889-7903	3.3	30
1285	Mixed-state parameters and vortex pinning in single-crystalline K ₃ C ₆₀ fullerene superconductors. <i>Physical Review B</i> , 1997 , 56, 14128-14137	3.3	6
1284	Clusters and layers of C ₆₀ molecules supported on a graphite substrate. <i>Physical Review B</i> , 1997 , 55, 7190-7197	3.3	42
1283	Role of molecular oxygen and other impurities in the electrical transport and dielectric properties of C ₆₀ films. <i>Physical Review B</i> , 1997 , 55, 16439-16449	3.3	94

1282	Distorted and inequivalently charged C ₆₀ anions in Yb _{2.75} C ₆₀ . <i>Physical Review B</i> , 1997 , 56, 5213-5227	3-3	20
1281	Synthesis and characterization of Ag@C ₆₀ nanostructure film. 1997 , 70, 3110-3112		20
1280	Mott-Hubbard-like Behavior of the Energy Gap of A ₄ C ₆₀ (A=Na,K,Rb,Cs) and Na ₁₀ C ₆₀ . 1997 , 79, 2714-2717		81
1279	(BA12)Cs:mA cluster-assembled solid. <i>Physical Review B</i> , 1997 , 55, 15868-15873	3-3	44
1278	Photoemission and photoabsorption study of C ₆₀ adsorption on Cu(111) surfaces. <i>Physical Review B</i> , 1997 , 56, 15412-15420	3-3	117
1277	Influence of the crystal field on the Raman intensity of C ₆₀ fullerenes. <i>Physical Review B</i> , 1997 , 56, 2495-2500		14
1276	Localization of substrate-induced modification in the electronic structure of C ₆₀ at fullerene-metal interfaces. <i>Physical Review B</i> , 1997 , 55, 7882-7888	3-3	27
1275	Rhombohedral C ₆₀ polymer: mA semiconducting solid carbon structure. <i>Physical Review B</i> , 1997 , 55, 4039-4041	3-3	46
1274	Vertex-corrected tunneling inversion in electron-phonon mediated superconductors: Pb. <i>Physical Review B</i> , 1997 , 55, 11651-11658	3-3	10
1273	Synthesis and superconducting properties of a Rb ₃ C ₆₀ single crystal. <i>Physical Review B</i> , 1997 , 55, 11722-11724		17294
1272	Role of ambient gas on laser-ablated plumes for thin carbon film deposition. <i>Physical Review B</i> , 1997 , 55, 2600-2605	3-3	19
1271	Coherent phonons in alkali metal-doped C ₆₀ . 1997 , 71, 2734-2736		22
1270	Electronic Structure and Mossbauer Effect in C ₆₀ Fe Complexes. 1997 , 5, 1261-1274		6
1269	Rare-Gas Intercalation Into Fullerene Interstices. 1997 , 5, 243-256		10
1268	Chapter 1 Normal-state magnetic properties of single-layer cuprate high-temperature superconductors and related materials. 1997 , 10, 1-237		15
1267	Vibronic Coupling Effects in the C ₆₀ Molecule: Studies of T _{1g} and H _g Jahn-Teller Systems*. 1997 , 200, 91-101		
1266	Electronic Structure of C ₆₀ B _x N _y and Deformed C ₆₀ Fullerenes: Comparison of Infrared Absorption, Raman Scattering and Electron-Spin Resonance Measurements with Numerical Calculations*. 1997 , 200, 147-155		7
1265	Tight-Binding Formalism for Ionic Fullerenes and its Application to Alkali-C ₆₀ Polymers. 1997 , 491, 395		

1264	Construction of C ₆₀ Monolayer on the Water Surface. 1997 , 26, 911-912	8
1263	New Metal Fullerides. 1997 , 5, 653-679	1
1262	Charge Transfer in Fullerene-Conducting Polymer Composites: Electronic and Excitonic Properties. 1997 , 5, 1359-1386	5
1261	Effect of Solvents and Supporting Electrolytes on the Electrochemical Properties of C ₇₀ and its Comparison with C ₆₀ . 1997 , 5, 1563-1577	2
1260	Magnetism of Nanometer-Scale Graphite with Edge or Topological Defects. 1997 , 305, 445-454	24
1259	Characteristics of the LinC ₆₀ Complexes for n = 1-12: An ab Initio Study. 1997 , 101, 5551-5554	15
1258	Langmuir-Blodgett Films of a Thermally Labile 1:1 Adduct of C ₆₀ Fullerene and 8-(9-Anthryl)-7-oxa-octanoic Acid. 1997 , 13, 5627-5633	23
1257	Direct Fullerenation of Polycarbonate via Simple Polymer Reactions. 1997 , 30, 2848-2852	55
1256	Loss of Cubic Symmetry in Low-Temperature Na ₂ RbC ₆₀ . 1997 , 119, 834-835	52
1255	Expanded Close-Packed Fullerides: The Reactivity of Na ₂ C ₆₀ with Ammonia. 1997 , 119, 10413-10423	10
1254	Preparation of Rb ₃ C ₆₀ Utilizing Room-Temperature Solubilization in Alkylamines. 1997 , 9, 3049-3051	1
1253	Graphite, Carbonaceous Materials and Organic Solids as Active Electrodes in Metal-Free Batteries. 1997 , 303-411	5
1252	THE NEW GENERATION HIGH-TEMPERATURE SUPERCONDUCTORS. 1997 , 27, 35-67	16
1251	Superconductivity in fullerides. 1997 , 69, 575-606	796
1250	High-T _c Superconductors. 1997 , 241-268	
1249	Nanotechnology in carbon materials. 1997 , 9, 33-42	20
1248	Infrared transmission study of lanthanide fullerenes Sm _x C ₆₀ prepared by metal vapor synthesis. 1997 , 249, 242-246	9
1247	Unusual Structure, Phase Transition, and Dynamics of Solid Cubane. 1997 , 78, 4938-4941	46

1246	Electrical conductivity of sulfur-doped C60 films. 1997 , 33, 27-30	7
1245	The regional pattern of D4 gene expression in human brain. 1997 , 234, 147-50	28
1244	Synthesis, crystal structure and some properties of charge transfer complex of C60 with asymmetric donor TMDTDM-TTF. 1997 , 88, 85-87	21
1243	Electronic absorption spectra of the C60 complexes with some organic donors. 1997 , 88, 225-230	19
1242	Superconductivity in potassium intercalated Ba3 C60. 1997 , 86, 2309-2310	3
1241	The solvent effect on the electrochemical behavior of C60 films in the presence of alkali-metal cations. 1997 , 427, 137-146	9
1240	Electronic state studies of a mono-boron-doped giant heterofullerene. 1997 , 58, 1657-1660	2
1239	A series of new molecular complexes C60(S4N4)2 · x(C6H6)x: Synthesis, x-ray study of crystal structure and structural disorder. 1997 , 58, 1865-1867	10
1238	Enhancement of electrical conductivity in sulfur-doped C60 films. 1997 , 302, 256-259	3
1237	Calculation of thermodynamic properties for the high-temperature phase of C70 fullerene. 1997 , 234, 69-74	8
1236	Electronic properties of K3C60 studied by 13C nuclear-magnetic-resonance spectra. 1997 , 278, 223-237	7
1235	Structure and conductivity of C60/Pd multilayer films. 1997 , 282-287, 735-736	
1234	Woodstock of physics revisited. <i>Nature</i> , 1997 , 386, 115-118	50.4 3
1233	Electronic structures of the seven C80 isomers. 1997 , 42, 289-292	1
1232	Optical limiting property of fullerene-containing polystyrene. 1997 , 16, 2029-2031	9
1231	High-pressure synthesis of C60-containing polystyrene. 1997 , 16, 999-1001	3
1230	Muon spin relaxation measurements of CsC60, RbC60, KC60. 1997 , 104, 325-329	3
1229	Rotation dynamics of C60 molecules in organic superconductor K3C60. 1997 , 40, 72-83	4

1228	The structural conditions for high-temperature superconductivity. 1997 , 49, 12-17	3
1227	Molecular complexes of C ₆₀ with tetrasulfur tetranitride. 1997 , 46, 32-35	4
1226	Crystal and molecular structures of new fullerides, (Ph ₄ P) ₂ C ₆₀ Hal (Hal=Br or I) and (Ph ₄ As) ₂ C ₆₀ Cl. 1997 , 46, 1878-1882	10
1225	Icosahedral symmetry in clusters. 1997 , 34, 95-131	16
1224	¹³ C spin-lattice relaxation study on the electronic properties of K ₃ C ₆₀ . 1997 , 278, 238-257	7
1223	Growth of high-quality C ₆₀ (111) single crystalline film on Ni ₃ Co(111) surface. 1997 , 282-287, 739-740	2
1222	Study of microstructure and interfacial interaction of AlC ₆₀ co-evaporated films. 1997 , 282-287, 737-738	1
1221	Raman scattering of C ₆₀ molecules embedded in porous silicon. 1997 , 225, 170-174	9
1220	Photothermal bending spectroscopy and photothermal deflection spectroscopy of C ₆₀ thin films. 1997 , 113-114, 278-281	13
1219	Crystal structure and photoluminescence of single crystals of fullerene-9,9?-trans-bis(telluraxanthenyl) molecular complex: C ₂₆ H ₁₈ Te ₂ · C ₆₀ · CS ₂ . 1997 , 216, 407-415	13
1218	Darstellung und Charakterisierung von C ₇₀ Br ₁₄ . 1997 , 623, 623-626	9
1217	METHODS OF EVALUATION OF SECOND GRÜNEISEN CONSTANT AND ANDERSON-GRÜNEISEN CONSTANT. 1997 , 58, 939-945	4
1216	Complexation of C ₆₀ with the multisulphur electron donor BETTTF. spectroscopic characterization and crystal structure of the ternary charge-transfer complexes (C ₆₀)(BETTTF)(solvent). 1997 , 58, 1675-1678	7
1215	Superexchange and magnetic relaxation in novel Eu-DOPED C ₆₀ phases. 1997 , 58, 1771-1778	21
1214	Dielectric constants of C ₆₀ and C ₇₀ thin films. 1997 , 58, 1913-1917	29
1213	Synthesis and characterization of stable nitroxides based on fullerenes (C ₆₀ , C ₇₀) and their magnetic study. 1997 , 101, 123-128	15
1212	Charge transfer and a new image state of C ₆₀ on Cu(1 1 1) surface studied by inverse photoemission. 1997 , 101, 337-341	25
1211	ESR study of superconducting K-doped C ₆₀ polymer 1997 , 101, 871-875	4

1210	Development of the electronic structure in a K-doped C60 monolayer on a Ag(1 1 1) surface. 1997 , 103, 31-35	90
1209	Silent and higher-order vibrations of C60 and its compounds. 1997 , 404, 147-156	11
1208	Study of Microstructure and Interfacial Interaction in Al ₁₃ C60 Co-Evaporated Films. 1997 , 163, 403-409	12
1207	Donor-Linked Fullerenes: Photoinduced electron transfer and its potential application. 1997 , 9, 537-546	574
1206	Außergewöhnliche Schichtstruktur bei Fulleriden: Synthese, Struktur und magnetische Eigenschaften eines kaliumhaltigen Salzes mit C-Ionen. 1997 , 109, 502-504	16
1205	Supraleitung und Chemie. 1997 , 109, 1873-1891	42
1204	Organic Approaches to Endohedral Metallofullerenes: Cracking Open or Zipping Up Carbon Shells?. 1997 , 3, 1009-1016	168
1203	Density functional theory and pseudopotentials: A panacea for calculating properties of materials. 1997 , 61, 603-611	7
1202	Some cluster and condensed-phase properties of light elements: B to P. 1997 , 63, 695-707	
1201	Modulated Photocurrent Measurements on Icosahedral Cluster Solids: Boron-Rich Solids and Aluminum-Based Quasicrystals. 1997 , 133, 224-229	4
1200	The nonmetal to metal transition with alkali doping of films of molecular icosahedra. 1997 , 264, 168-173	25
1199	Raman cross section for the pentagonal-pinch mode in buckminsterfullerene C60. 1997 , 270, 129-134	16
1198	Growth and photodissociation of Ag _x C60 cation complexes. 1997 , 279, 203-208	49
1197	Pressure-induced charge transfer phase transition in crystalline C60·C10H12Se4·2(CS2) molecular complex studied by Raman spectroscopy. 1997 , 281, 360-365	11
1196	Optimization on the crystal growth of fullerenes. 1997 , 182, 375-378	10
1195	Electronic structure studies of intercalated, hetero and endohedral fullerenes. <i>Carbon</i> , 1998 , 36, 625-631	10.4 4
1194	Magnetic ordering at 20 K and below in the C60 and C70 based fullerene salts. <i>Carbon</i> , 1998 , 36, 603-606	10.4 13
1193	Structure and intermolecular phonons study of solid C70. <i>Carbon</i> , 1998 , 36, 621-623	10.4

1192	Superconductivity in silicon based barium-inclusion clathrates. 1998 , 283, 29-32	48
1191	High nuclearity mixed-valence magnetic clusters: theoretical study of the spin coupling in the C ₆₀ ²⁻ fulleride ion. 1998 , 283, 363-367	5
1190	Electronic and structural properties of molecular C ₃₆ . 1998 , 284, 344-349	96
1189	The interaction of nitrogen with solid C ₆₀ : a photoemission spectroscopy study using synchrotron radiation. 1998 , 286, 485-489	3
1188	A molecular dynamics simulation of the fullerene formation process. 1998 , 286, 336-342	117
1187	C ₃₆ , a new carbon solid. <i>Nature</i> , 1998 , 393, 771-774	50.4 378
1186	Fullerene-based materials as new support media in heterogeneous catalysis by metals. 1998 , 173, 175-183	121
1185	Growth characteristics of C ₆₀ films on fluorophlogopite and silicon substrates. 1998 , 323, 309-316	5
1184	Structure and electronic properties of Cs ₃ C ₆₀ under ambient pressure revealed by X-ray diffraction and ESR. 1998 , 291, 31-36	11
1183	Determination of the superconducting energy gap of Rb ₃ C ₆₀ by electronic Raman scattering. 1998 , 307, 79-86	2
1182	Investigation of inter- and intragrain currents in K ₃ C ₆₀ single crystals. 1998 , 309, 98-104	2
1181	Theoretical study of metallofullerenes M@C ₃₂ . 1998 , 422, 57-67	24
1180	Negative ions, mass selection, and photoelectrons. 1998 , 17, 275-305	34
1179	Techniques and applications of electron spin resonance. 1998 , 21, 1-70	15
1178	Photoluminescence of fullerene[60] in ultrathin ordered multilayers: The dissociation of molecular aggregation. 1998 , 43, 1004-1008	0
1177	IS THE DC RESISTIVITY OF K ₃ C ₆₀ BEYOND MOTT-DOFFEBEGEL LIMIT?. 1998 , 59, 1195-1197	
1176	Manganese-doped fullerene film electrodes. 1998 , 442, 59-66	21
1175	Vapour pressure of C ₆₀ by a transpiration method using a horizontal thermobalance. 1998 , 316, 101-108	28

1174	Growth of C ₆₀ single crystal films on metal substrates. 1998 , 320, 179-183	7
1173	Annealing effect for La _x C ₆₀ thin films. 1998 , 331, 113-116	
1172	X-ray photoelectron spectroscopic study of C ₆₀ ·2(Ph ₃ P)AuCl·0.1C ₆ H ₅ CH ₃ . 1998 , 105, 491-495	4
1171	Temperature dependence of atomic displacements in superconductor K ₂ RbC ₆₀ . 1998 , 105, 557-560	3
1170	Conductivity from two energy levels in C ₆₀ (InCl ₃) ₂ . 1998 , 106, 91-93	5
1169	Predicting new materials and their properties. 1998 , 107, 589-596	6
1168	Electronic properties of solid (Al ₁₂ B)Li in the CsCl structure. 1998 , 108, 891-894	6
1167	EPR Observation of the dimensional crossover in (TMTSF) ₂ ClO ₄ . 1998 , 109, 69-72	3
1166	Calculations of one- and two-photon absorption spectra of crystalline C ₆₀ . 1998 , 109, 283-288	2
1165	Electronic structure of planar superconducting systems.. 1998 , 236, 133-150	25
1164	The atom number, symmetry and cap effects on the optical-absorption spectra of C ₆₀ -derived nanotubes. 1998 , 241, 274-280	2
1163	Synthesis and physical properties of new metallic compound Li _x C ₆₀ (THF) _y . 1998 , 94, 167-171	11
1162	Recent Developments in the Chemistry and Physics of Metal Fullerides. 1998 , 10, 2665-2685	92
1161	Formation of Cobalt-C ₆₀ Clusters: Tricapped Co(C ₆₀) ₃ Unit. 1998 , 102, 1743-1747	40
1160	Photoinduced Electron Transfer between C ₆₀ /C ₇₀ and Zinc Tetraphenylporphyrin in Polar Solvents. 1998 , 102, 5215-5219	75
1159	On the Existence of Transition-Metal Fullerides: Deposition and Characterization of Ti _x C ₆₀ . 1998 , 10, 1184-1190	27
1158	Researching Face Centered Cubic Cs ₃ C ₆₀ . 1998 , 310, 119-129	
1157	Vibronic Interactions in Silicon Polyhedra of the Si ₄₆ Clathrate Compound. 1998 , 102, 10113-10119	12

1156	Kinetics of Langmuir Films of Fullerene C60. 1998 , 102, 7016-7022		18
1155	Synthesis and Optical Properties of Fullerene-Functionalized Polycarbonates. 1998 , 31, 103-108		40
1154	Isomer Specific Intercalation Chemistry: Potassium Insertion into the D2 and D2d Isomers of C84. 1998 , 120, 6681-6689		17
1153	Doping of Conducting Polymers by Sulfonated Fullerene Derivatives and Dendrimers. 1998 , 102, 4049-4053		63
1152	Two-Dimensional Crystal Growth of Fullerenes and Nanoparticles. 119-143		3
1151	La2@C72: Metal-Mediated Stabilization of a Carbon Cage. 1998 , 102, 2833-2837		48
1150	Experimental lattice dependence of the density of states in alkali fullerides. <i>Physical Review B</i> , 1998 , 57, 1226-1230	3-3	25
1149	C(60)-Based Electroactive Organofullerenes. 1998 , 98, 2527-2548		708
1148	Electron-phonon coupling for aromatic molecular crystals: Possible consequences for their superconductivity. <i>Physical Review B</i> , 1998 , 58, 8236-8239	3-3	182
1147	Enhanced Acceptor Character in Fullerene Derivatives. Synthesis and Electrochemical Properties of Fulleropyrrolidinium Salts. 1998 , 120, 11645-11648		78
1146	Properties of Boron-Substituted Heterofullerenes. <i>Chinese Physics Letters</i> , 1998 , 15, 106-108	1.8	2
1145	A new kind of nonlinear optical material: the fullerene tube. 1998 , 31, 3079-3086		22
1144	Analysis of normal state resistivity of single crystal superconductors. 1998 , 11, 1300-1305		2
1143	Temperature Dependence of the Phototransport Properties in C60 films. 1998 , 6, 39-57		6
1142	Growth and characterization of potassium-doped superfulleride thin films. 1998 , 16, 2395-2399		5
1141	Electronic states of Ba6C60 and Sr6C60 fullerides. <i>Physical Review B</i> , 1998 , 58, 1077-1079	3-3	26
1140	Theoretical interpretation of linear temperature dependence of constant-volume resistivity in Rb3C60. <i>Physical Review B</i> , 1998 , 57, 7462-7465	3-3	1
1139	The Meyer-Reldel rule in fullerenes. 1998 , 73, 948-950		47

1138	Surfactant effect of Sb on the growth of (111) orientated fullerene thin films. 1998 , 84, 2906-2908		8
1137	Ferromagnetic Resonance in TDAE- C60. 1998 , 80, 1529-1532		39
1136	Possible experimentally observable effects of vertex corrections in superconductors. <i>Physical Review B</i> , 1998 , 58, 14498-14510	3-3	16
1135	Eliashberg equations of electrons on a square lattice: Interplay of strong electron-phonon interactions and electron correlations. <i>Physical Review B</i> , 1998 , 57, 590-596	3-3	19
1134	Superconducting and normal-state properties of nonavalent fullerides. <i>Physical Review B</i> , 1998 , 57, 13395-13398	3-3	29
1133	Diagonalization in reduced Hilbert spaces using a systematically improved basis: Application to spin dynamics in lightly doped ladders. <i>Physical Review B</i> , 1998 , 58, 12063-12070	3-3	10
1132	Electronic transport properties of polycrystalline SmxC60. <i>Physical Review B</i> , 1998 , 57, 10770-10774	3-3	4
1131	Electronic Properties of Buckminsterfullerenes: Degeneracies and Surprises. 1998 , 6, 1-29		0
1130	The Metal-Insulator Transition and Superconductivity in Allotropes of Carbon Intercalated with Copper: Prediction and Experiment. 1998 , 6, 481-497		4
1129	Studies of the System C60-Pb by Tunneling Spectroscopy. 1998 , 6, 801-813		1
1128	Role of alkali atoms in A4C60. <i>Physical Review B</i> , 1998 , 57, 2159-2162	3-3	27
1127	Electron-Phonon Interactions in Solid C36. 1998 , 81, 697-700		123
1126	High Temperature Vaporization and Thermodynamic Properties of the Potassium - C60 Phases. 1998 , 6, 519-544		4
1125	A Periodic Table in Three Dimensions: A Sightseeing Tour in the Nanometer World. 1998 , 235-272		9
1124	Building Solids with Buckminsterfullerene (C60). 1998 , 6, 731-741		4
1123	Preparation and Characterization of a New Complex of C60 with 7714AS-Dimethyltetrahydrofulvalene (DMTTDF). 1998 , 6, 185-197		1
1122	Preparation and Characterization of La x C60 Thin Films Fabricated by Layer-by-Layer Deposition. 1998 , 6, 199-212		
1121	. 1998 ,		310

1120	Relationship between Intensity of Fullerene-Mass Spectrum and Carbon Vibrational Temperature in Microwave-Helium Plasmas. <i>Japanese Journal of Applied Physics</i> , 1999 , 38, 4512-4514	1.4	
1119	Electronic structures and geometry of the Al ₁₂ Si cluster solid. 1999 , 8, 356-360		1
1118	Electronic structure of K ₃ Ba ₃ C ₆₀ and Rb ₃ Ba ₃ C ₆₀ superconductors. <i>Physical Review B</i> , 1999 , 60, 16186-16191	3.3	11
1117	Doping effects and spin correlations in C ₆₀ : An unrestricted Hartree-Fock study. <i>Physical Review B</i> , 1999 , 60, 9122-9128	3.3	6
1116	Nanometer Scale Current-Voltage Characteristics of C ₆₀ Films. 1999 , 337, 519-523		
1115	Metal-insulator transition in a degenerate Hubbard model. <i>Physical Review B</i> , 1999 , 59, 1739-1742	3.3	4
1114	Raman spectrum and stability of (C ₅₉ N) ₂ . <i>Physical Review B</i> , 1999 , 60, 1005-1012	3.3	26
1113	Structure and properties of a fulleride Sm ₆ C ₆₀ . <i>Physical Review B</i> , 1999 , 60, 6183-6186	3.3	8
1112	Photoelectron spectroscopy of sodium-coated C ₆₀ and C ₇₀ cluster anions. <i>Physical Review B</i> , 1999 , 60, 4509-4512	3.3	33
1111	Dielectric properties of fullerene films. 1999 , 74, 439-441		7
1110	Superconductivity in fullerene compounds. 1999 , 471-483		0
1109	Electronic structure and energetics of pressure-induced two-dimensional C ₆₀ polymers. <i>Physical Review B</i> , 1999 , 59, 1930-1936	3.3	86
1108	Formation of titanium fulleride studied by x-ray spectroscopies. <i>Physical Review B</i> , 1999 , 59, 12667-12671	3.3	23
1107	Specific heat of C ₆₀ and K ₃ C ₆₀ thin films for T=600 K. <i>Physical Review B</i> , 1999 , 60, 11765-11772	3.3	26
1106	Excitonic effects in linear and nonlinear optical properties of C ₆₀ . <i>Physical Review B</i> , 1999 , 59, 1857-1869	3.3	11
1105	Dielectric properties of C ₆₀ films in the high-temperature region. 1999 , 75, 1607-1609		6
1104	Structural phase transition in the ammoniated alkali C ₆₀ compound (NH ₃)K ₃ C ₆₀ . <i>Physical Review B</i> , 1999 , 59, 3956-3960	3.3	21
1103	Superconductivity in Li _x CsC ₆₀ Fullerides. <i>Physical Review B</i> , 1999 , 59, R6628-R6630	3.3	45

1102	Simple estimate of electron-phonon coupling in small fullerenes. <i>Physical Review B</i> , 1999 , 60, 100-101	3,3	10
1101	The nature of the chemical bond in metals, alloys, and intermetallic compounds according to Linus Pauling. 1999 , 6, 701-748		3
1100	Coupling of orientational and translational modes in solid C60 and C70. 1999 , 67, 789-807		1
1099	Supraleitung in Fullerenverbindungen. 1999 , 30, 167-172		
1098	Intercalation of C60 by alkali metals: kinetics of transient states formation. 1999 , 111, 39-42		5
1097	Resonant Raman scattering from single crystals (Ph4P)2C60Y, where Y=Cl, Br, I. 1999 , 111, 107-112		7
1096	New aspects in the interpretation of the T ₂ and T ₁ NMR lines in Rb3C60. 1999 , 271, 7-14		4
1095	Superconducting properties of mixed phases of nominal stoichiometry Rb2NaC60. 1999 , 317-318, 448-451		
1094	Calculation of positron observables using a finite element-based approach. 1999 , 149, 238-243		20
1093	Derivatives of 7-oxabicyclo[2.2.1]heptane in nature and as useful synthetic intermediates. 1999 , 55, 13521-13642		11
1092	Band structure studies on polymeric fullerenes. 1999 , 308, 445-448		2
1091	Crystalline fullerene deuteride C60D24: Spectral investigation. 1999 , 41, 1391-1397		4
1090	Electronic properties of C60 single crystals doped with lithium by electrodiffusion. 1999 , 89, 923-932		
1089	C60 thin films on Ag(001): an STM study. <i>Carbon</i> , 1999 , 37, 727-732	10.4	26
1088	Possible detection of doping atoms in C60 solid clusters by high-resolution electron microscopy. <i>Carbon</i> , 1999 , 37, 1299-1309	10.4	11
1087	Spectroscopy of a thin fullerene film on silver using sum frequency generation enhanced by visible surface plasmon polaritons. 1999 , 302, 528-532		9
1086	Fast preparation of superconducting K-doped C60 films. 1999 , 305, 85-88		3
1085	Ab initio and lattice dynamics studies of the vibrational and geometrical properties of the molecular complex of hydroquinone and C60. 1999 , 312, 299-305		5

1084	Fullerene Materials. 1999 , 173-187	104
1083	Principles of Fullerene Reactivity. 1999 , 1-65	202
1082	Fullerenes and Nanotubes. 1999 , 35-94	9
1081	Observation of radioactive hetero-fullerenes using radiochemical techniques. 1999 , 239, 365-369	11
1080	Direct preparation of radioactive fullerenes as a tracer for applications. 1999 , 71-72, 489-98	2
1079	Three Components Organic Superconductors: Intercalation of KH into C60. 1999 , 145, 421-426	4
1078	Synthesis and X-Ray Characterization of Silicon Clathrates. 1999 , 145, 716-730	124
1077	Theoretical study on the structures and electron spectra of C60M12 (M=Li, Na, Be). 1999 , 73, 505-509	2
1076	Photoconductivity of 1,2-(1?,1?,2?,2?-tetracyanomethanoxymethano)[60]fullerene-doped PVK. 1999 , 72, 209-213	5
1075	Advanced syntheses and microfabrications of conjugated polymers, C60-containing polymers and carbon nanotubes for optoelectronic applications. 1999 , 10, 357-420	74
1074	Infrared Study of C60(AlCl3)2. 1999 , 216, 1099-1106	
1073	Investigation of Encapsulation and Solvatochromism of Fullerenes in Binary Solvent Mixtures. 1999 , 103, 11256-11260	60
1072	Solubilization and Encapsulation of Fullerenes by Amphiphilic Block Copolymers. 1999 , 15, 8007-8017	76
1071	Ab Initio Intermolecular Potential of Solid C60 in the Low-Temperature Phase. 1999 , 83, 1167-1170	12
1070	Carbon Isotope Effect in Single-Crystal Rb3C60. 1999 , 83, 404-407	31
1069	Conjugated and Fullerene-Containing Polymers for Electronic and Photonic Applications: Advanced Syntheses and Microlithographic Fabrications. 1999 , 39, 273-387	71
1068	Crystal Structure of C60 and C70 Compounds. 1999 , 7, 317-385	9
1067	Pyramidal Structures of Lanthanide-C60 Clusters (Ln(C60)m: Ln = Eu and Ho). 1999 , 103, 8909-8914	21

1066	Molecular Fullerides. 1999 , 7, 1175-1179	2
1065	Scanning Tunneling Spectroscopy of C ₃₆ . 1999 , 82, 165-168	69
1064	Organic superconductors coming to their estate. 1999 , 102, 1595-1598	
1063	The electronic structure of potassium intercalated Tm@C ₈₂ . 1999 , 103, 2470-2473	7
1062	Hypothetical Buckminsterfullerenedithio-tetrathiafulvalene. 1999 , 103, 2432-2433	1
1061	Anomalous high pressure effect in superconducting fullerides. 1999 , 103, 2445-2446	
1060	Towards new molecular superconductors: a first study of alkali metal reduced aromatic cryptands as 'pseudo-fullerides'. 1999 , 99, 155-162	5
1059	Preparation, crystal structure and characterization of C ₆₀ ·2[(Ph ₃ P)AuCl]. 1999 , 106, 29-34	8
1058	Noncontact UHV-AFM investigations of the growth of C ₅₉ N films on layered materials. 1999 , 433-435, 486-490	3
1057	Electron-Transfer Reactions between Fullerenes (C ₆₀ and C ₇₀) and Tetrakis(dimethylamino)ethylene in the Ground and Excited States. 1999 , 103, 445-449	41
1056	Laser Ablation Mass Spectrometry of Pyrolyzed Koppers Coal-Tar Pitch: A Precursor for Fullerenes and Metallofullerenes. 1999 , 103, 9450-9458	14
1055	C ₆₀ as Photosensitizing Electron-Transfer Mediator for Ion-Pair Charge-Transfer Complexes between Borate Anions and Methyl Viologen Dication. 1999 , 103, 9938-9942	30
1054	Enhancement of Superconductive Shielding via Photoinduced Surface Modification. 1999 , 103, 3511-3514	10
1053	Laser Flash Photolysis Study on Photophysical and Photochemical Properties of C ₈₂ . 1999 , 103, 9519-9523	18
1052	Photophysical and Electron Transfer Properties of C ₆₀ (C ₆ H ₅) ₅ OH and C ₆₀ (C ₆ H ₄ F) ₅ OH: A Laser Flash Photolysis and Pulse Radiolysis Study. 1999 , 103, 11227-11236	7
1051	Critical current density and granularity in crystals of K ₃ C ₆₀ fulleride. 1999 , 25, 161-166	0
1050	Electronic Properties of Potassium-Doped Carbon Nanotube Lattice. 1999 , 593, 161	1
1049	Strongly correlated complex systems. 1999 , 271-278	

- 1048 Many-Body Effects on the Density of States in Alkali-Metal-Doped C60. **2000**, 69, 1249-1250 7
- 1047 Construction of C60 Monolayer Based on Structural Relaxation on the Water Surface. **2000**, 73, 1429-1435 6
- 1046 Langmuir Films of Amphiphilic [60]Fullerene Derivatives. **2000**, 73, 1615-1619 6
- 1045 Crystal structure and magnetic properties of EuxSr6/C60. **2000**, 2
- 1044 Preparation and gas permeation of immobilized fullerene membranes. **2000**, 77, 529-537 61
- 1043 Raman scattering of ytterbium intercalated C60 compounds. **2000**, 31, 461-463 3
- 1042 Tripeldeckerartige Koordination eines Fulleren-Trianiens in [K([18]krone-6)]₃[C₆₀](B-C₆H₅CH₃)₂ Einkristall-Strukturbestimmung und magnetische Eigenschaften. **2000**, 112, 2170-2174 10
- 1041 Gas permeation of fullerene-dispersed poly(1-trimethylsilyl-1-propyne) membranes. **2000**, 38, 1749-1755 18
- 1040 Measurement of third-order optical nonlinearity of C60M₂ (M=Pd, Pt, and Sm) organometallic compounds by the femtosecond optically heterodyned optical Kerr effect. **2000**, 319, 89-94 5
- 1039 Synthesis, monolayer fabrication and photoelectric conversion property of two pyrrolidinofullerene carboxylic acid derivatives. **2000**, 319, 7-12 13
- 1038 Charge transfer state of novel molecular complex C₂₆H₁₈Te₂·C₆₀·CS₂ detected in single crystals by photoluminescence and ESR. **2000**, 319, 1-6 7
- 1037 Molecular modeling of C60:cobaltocene and nickelocene complexes, comparison with IR absorption. **2000**, 323, 522-528 3
- 1036 Jahn-Teller distortion and merohedral disorder of C60 as observed by ESR. **2000**, 324, 37-42 17
- 1035 Photoinduced charge transfer interaction between fullerene[60] and diphenylpolyenes in solution: evidence for photocycloaddition reaction. **2000**, 330, 255-261 10
- 1034 Electron-vibrational mode coupling in (Ph₄P)₂·C₆₀ from Raman scattering. **2000**, 555, 131-137 2
- 1033 Dynamics of nitrogen impurities in fullerite matrix—molecular dynamics study. **2000**, 555, 305-310
- 1032 C₆₀ + defect centers: effect of rubidium intercalation into C₆₀ studied by EPR. **2000**, 114, 173-176 14
- 1031 Cu/C₆₀ interaction and nano-composite structures. **2000**, 61, 995-998 20

1030	The locations of alkali cations in alkali-metal fullerenes. 2000 , 291, 285-291		3
1029	Metal-insulator transitions in systems with electron-phonon and Coulomb interactions. 2000 , 292, 196-207		13
1028	High dielectric permittivity in C ₆₀ crystals. 2000 , 284-288, 1131-1132		1
1027	Raman study of C ₆₀ /polymethyl methacrylate film. 2000 , 78, 148-150		2
1026	High performance computing on the Cray T3E and IBM SP2 systems with the parallel version of GAUSSIAN 94. 2000 , 26, 1043-1060		0
1025	Photoemission study of oxygen adsorption on Rb ₆ C ₆₀ film surface. 2000 , 153, 150-155		3
1024	Hartree-Fock crystal orbital calculation on sodium-intercalated fullerenes C ₆₀ Na ₁₀ and C ₆₀ Na ₁₁ . 2000 , 256, 149-158		2
1023	Vibronic interactions in {6} and {18}hetero(A,B)annulenes. 2000 , 260, 303-315		3
1022	Resonant C K α X-ray emission of some carbon allotropes and organic compounds. 2000 , 110-111, 105-134		30
1021	Superconductivity at 52 K in hole-doped C ₆₀ . <i>Nature</i> , 2000 , 408, 549-52	50.4	167
1020	Superconductivity. C ₆₀ --the hole story. <i>Nature</i> , 2000 , 408, 528-9	50.4	38
1019	Evolutionary biology. The problem of variation. <i>Nature</i> , 2000 , 408, 529, 531	50.4	17
1018	Preparation of fullerenes using carbon rods manufactured from Chinese hard coals. 2000 , 79, 1303-1308		25
1017	The third-order optical nonlinearity of C ₆₀ and biphenyl derivatives. 2000 , 61, 1141-1144		
1016	Ring currents. 2000 , 36, 1-88		384
1015	Modelling the nano-scale phenomena in condensed matter physics via computer-based numerical simulations. 2000 , 325, 239-310		133
1014	Molecular polarizability of Sc _n , C _n and endohedral Sc _n @C _m clusters. 2000 , 51-52, 613-626		11
1013	Simulation analysis of ESR spectrum of polymer alkyl-C ₆₀ radicals formed by photoinitiated reactions of low-density polyethylene. 2000 , 19, 59-67		2

1012	Pecularity of lithium electrodiffusion into fulleride single crystals. 2000 , 6, 187-195		1
1011	ELECTRONIC PROPERTIES OF HETEROFULLERENES C59X (X=Si, O AND Be). 2000 , 14, 23-29		10
1010	Oxidation of C60 by hexafluorides. <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 8551-8558	1.8	5
1009	Relativistic study of the electronic structure and 5d orbital of La confined inside a C60 fullerene cage. 2000 , 33, 869-880		19
1008	High-energy electron irradiation effects in C60 films. 2000 , 87, 4620-4622		5
1007	Electronic structure of the Ba4C60 superconductor. <i>Physical Review B</i> , 2000 , 61, 14204-14208	3.3	13
1006	Electron-phonon interaction in C70. <i>Physical Review B</i> , 2000 , 61, 7775-7780	3.3	2
1005	Superconductors. 2000 ,		
1004	Gas phase study of silicon-C60 complexes: Surface coating and polymerization. 2000 , 112, 8436-8445		36
1003	Production of fullerenes and single-wall carbon nanotubes by high-temperature pulsed arc discharge. 2000 , 112, 6000-6005		58
1002	Characteristic of interface effect in Cu-C60 granular films. 2000 , 77, 984		12
1001	Computations of Low-Energy Non-Icosahedral Structures of C60. 2000 , 8, 403-415		2
1000	Reduction factors for the icosahedral T1u ^g Jahn-Teller system. <i>Physical Review B</i> , 2000 , 62, 16155-16156	3.3	8
999	Peierls or Jahn-Teller effect in endohedrally doped silicon clathrates: An EXAFS study. <i>Physical Review B</i> , 2000 , 61, 16550-16560	3.3	41
998	Doping of covalently bound fullerene monolayers: Ag clusters on C60/Si(111). 2000 , 77, 1144-1146		9
997	. 2000 , 33, L93-L97		5
996	Intercalation Compounds of Fullerenes I: Synthesis, Characterization, and Solid State Properties. <i>Physics and Chemistry of Materials With Low-dimensional Structures</i> , 2000 , 23-66		2
995	Plasmon excitations in graphitic carbon spheres measured by EELS. <i>Physical Review B</i> , 2000 , 61, 5751-5759		34

994	A superconducting field-effect switch. 2000 , 288, 656-8		49
993	Crystal Structure of Europium C ₆₀ Compounds. 2000 , 340, 565-570		2
992	Endohedral Alkali Metal Fullerene Complexes. 2000 , 122, 12905-12906		12
991	Dynamics of methane trapped in C ₆₀ interstices. 2000 , 113, 320-328		16
990	A Novel Network Structure of Organometallic Clusters in the Gas Phase. 2000 , 104, 176-191		189
989	Raman Scattering in Fullerenes and Related Carbon-Based Materials. <i>Springer Series in Materials Science</i> , 2000 , 314-364	0.9	28
988	Photoemission, near-edge x-ray-absorption spectroscopy, and low-energy electron-diffraction study of C ₆₀ on Au(111) surfaces. <i>Physical Review B</i> , 2000 , 61, 2263-2272	3.3	121
987	Structural Influence on the Intensity Ratio of the T ₂ and T ₈₇ Rb NMR Lines and the Superconductivity in Rb ₃ C ₆₀ . 2000 , 340, 593-598		
986	X-Ray Diffraction and Physical Properties of Potassium Fullerides K _x C ₇₀ . 2000 , 340, 611-616		2
985	Reactivity of C ₆₀ Cl ₆ and C ₆₀ Br _n (n = 6, 8) in Solution in the Absence and in the Presence of Electron Donor Molecules. 2000 , 122, 7244-7251		16
984	ESE Studies of Pristine Paramagnetic Species of C ₆₀ Powder Samples. 2000 , 104, 1162-1164		8
983	Tempo-C ₆₁ : An Unusual Example of Fulleroid to Methanofullerene Conversion. 2000 , 104, 156-163		26
982	Interfacial Properties of Substituted Fulleropyrrolidines on the Water Surface. 2000 , 16, 4599-4606		17
981	Anomalous High Pressure Properties in Fullerene Superconductors. 2000 , 340, 599-604		2
980	Synthesis, Structure, and Transport Properties of Novel Fullerides A ₃ C ₇₀ (A = Ba and Sm). 2000 , 122, 5729-5732		13
979	Vibrational Assignment of All 46 Fundamentals of C ₆₀ and C ₆₀ F ₆ : Scaled Quantum Mechanical Results Performed in Redundant Internal Coordinates and Compared to Experiments. 2000 , 104, 102-112		78
978	Molecular and Electronic Structure of a Reduced Schiff Base Cryptand: Characterization by X-ray Crystallography and Optical and EPR/ENDOR Spectroscopy. 2000 , 104, 3038-3047		3
977	Vibronic Coupling and Jahn-Teller Effects in Negatively Charged Corannulene. 2000 , 104, 589-595		15

- 976 Theoretical Study on the Superconductivity Induced by the Dynamic Jahn-Teller Effect in Alkali-Metal-Doped C₆₀. **2000**, 69, 2615-2622 29
- 975 The Electronic Structures of (PH₄)₃C₆₀ and (ClO₄)₃C₆₀. **2000**, 340, 587-592
- 974 Growth and Trends of Fullerene Research as Reflected in Its Journal Literature. **2000**, 100, 23-38 98
- 973 Layered Materials by Electrochemical Deposition of Alkali Fullerides. **2000**, 8, 17-25 1
- 972 Discrete fulleride anions and fullerenium cations. **2000**, 100, 1075-120 553
- 971 Pressure Studies on Fullerenes. *Physics and Chemistry of Materials With Low-dimensional Structures*, **2000**, 409-442 2
- 970 Electronic Structure of Adsorbates on Semiconductors. **2000**, 863-897
- 969 Photochemical Generation of Polymeric Alkyl-C₆₀ Radicals: ESR Detection and Identification. **2001**, 105, 2129-2134 3
- 968 AFM investigation of growth process of C₆₀ thin films on a KBr(001) surface. **2001**, 10, 980-983 3
- 967 An Experimental Study of the Stability and Dynamics of Langmuir Films of Fullerene Derivatives and Their Mixtures with Pentadecanoic Acid. **2001**, 17, 3317-3328 13
- 966 Semiconducting form of the first-row elements: C₆₀ chain encapsulated in BN nanotubes. *Physical Review B*, **2001**, 64, 3-3 35
- 965 La@C₆₀: A metallic endohedral fullerene. **2001**, 115, 7215-7218 38
- 964 Energetics and electronic structures of encapsulated C₆₀ in a carbon nanotube. **2001**, 86, 3835-8 359
- 963 Superconductivity. The race to beat the cuprates. **2001**, 293, 2410-1 27
- 962 A study of alkali metal triphenylides in the solid state. **2001**, 123, 61-68 4
- 961 Deuterofullerene C₆₀D₂₄ studied by XRD, IR and XPS. **2001**, 314, 296-300 25
- 960 Adsorption and decomposition of C₆₀ on Ni(110) surfaces. **2001**, 488, 23-31 11
- 959 High-resolution electron microscopy and structural optimization of C₃₆, B₃₆N₃₆ and Fe@B₃₆N₃₆ clusters. **2001**, 10, 1205-1209 26

958	Computer simulation of a Langmuir trough experiment carried out on a nanoparticulate array. 2001 , 114, 7274-7282		32
957	SIMULTANEOUS DETERMINATION OF C60 AND C70 FULLERENES BY A SPECTROPHOTOMETRIC METHOD. 2001 , 9, 103-111		5
956	Thermal Stability and High Temperature Graphitization of Bisazafullerene (C59N)2 As Studied by IR and Raman Spectroscopy. 2001 , 105, 11964-11969		12
955	Study of Molecular Complex Formation between [60]Fullerene and Two Series of Donors by the NMR Method. 2001 , 105, 9865-9868		30
954	Three-dimensional crystalline carbon: Stable polymers of C20 fullerene. <i>Physical Review B</i> , 2001 , 64, 3-3		47
953	Infrared spectra of C70 and its alkali salts. 2001 , 249, 117-124		1
952	Structural and electronic properties of heterofullerene C59P. <i>Molecular Physics</i> , 2001 , 99, 1203-1207	1.7	19
951	Unusual Conductivity Patterns in Reduced Mesoporous Titanium, Niobium, and Tantalum Oxides with One-Dimensional Potassium Fulleride Wires in the Channels. 2001 , 13, 2730-2741		11
950	Superconductivity in 4 angstrom single-walled carbon nanotubes. 2001 , 292, 2462-5		673
949	Structural, morphological and optical properties of C60cluster thin films produced by thermal evaporation under argon gas. <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 2883-2889	1.8	13
948	Metallic phases in sodium fulleride Na _x C70. 2001 ,		
947	Electronic structures and infrared spectra of C120O2, C120OS and C120S2. 2001 , 46, 818-822		
946	The electronic structure of K6C60 studied by soft X-ray spectroscopy. 2001 , 114-116, 885-888		1
945	Electron-energy-loss spectroscopy of K _x C60 and K-halides: comparison in the K3p excitation region. 2001 , 169-170, 184-187		4
944	Vibronic interaction in a copper oxide cluster. 2001 , 271, 31-39		
943	Surface morphology of C60 polycrystalline films from physical vapor deposition. 2001 , 396, 103-108		15
942	Structural and electronic properties of oxygen-doped heterofullerene: is the O-C single bond shorter than the C-C single bond?. 2001 , 118, 247-250		9
941	Semiempirical calculations on heterofullerene C59Si: structural and electronic localization. 2001 , 118, 309-312		11

940	Formation and properties of the nanoparticles based on salt-derivatived C60. 2001 , 120, 269-272	4
939	The other high-temperature superconductors. 2001 , 296, 112-119	31
938	Raman scattering in alkali doped fullerides. 2001 , 304, 159-165	
937	Structural and chemical modifications in Cu-supported C60 thin films exposed to an atmosphere of air or iodine. 2001 , 304, 348-356	13
936	Structure and optical properties of boron-doped C60 thin films. 2001 , 84, 163-166	5
935	Ultrahigh vacuum scanning probe microscopy studies of carbon onions. 2001 , 9, 300-304	8
934	Photodissociation of exohedral transition metal-C60 complexes. 2001 , 204, 223-232	22
933	The molecular structure and electronic spectrum of the C@C60 endohedral complex: an ab initio study. 2001 , 19, 232-5	5
932	Peptide anchored Langmuir-Blodgett films of a fullerene amphiphile. 2001 , 190, 295-303	6
931	Nanotubes, Nanoscience, and Nanotechnology. 2001 , 15, 1-11	69
930	Synthesis and stability of linear and star polymers containing [C60] fullerene. 2001 , 39, 2494-2507	16
929	New synthetic method for soluble starlike C60-bonding polymers. 2001 , 81, 1286-1290	14
928	Synthese und Struktur eines Ga84R204-Clusters [Ein Bindeglied zwischen metalloiden Clustern und den Fullerenen?]. 2001 , 113, 733-737	44
927	Neue Käfige und ungewöhnliche Gäste: Die Fullerenchemie bleibt spannend. 2001 , 113, 1235-1237	6
926	Hochenantioselektiv oder nicht? [Chirale einzählige Monophosphorliganden in der asymmetrischen Hydrierung. 2001 , 113, 1237-1240	52
925	Elementpolyeder als Bausteine in der Chemie: Was verbindet Fullerene mit homoatomaren Zintl-Ionen?. 2001 , 113, 4289-4293	53
924	Synthesis and Structure of a Ga84R204-Cluster [A Link between Metalloid Clusters and Fullerenes?]. 2001 , 40, 711-715	61
923	New Cages and Unusual Guests: Fullerene Chemistry Continues To Excite. 2001 , 40, 1195-1197	17

922	Highly Enantioselective or Not?-Chiral Monodentate Monophosphorus Ligands in the Asymmetric Hydrogenation. 2001 , 40, 1197-1200	131
921	Homoatomic Polyhedra as Structural Modules in Chemistry: What Binds Fullerenes and Homonuclear Zintl Ions?. 2001 , 40, 4161-4165	73
920	New Phenomena in High Mobility Organic Semiconductors. 2001 , 226, 257-270	13
919	Self-assembled film of a new C60 derivative covalently linked to TiO2 nanocrystalline. 2001 , 336, 19-23	14
918	Preparation and optical limiting properties of polycarbonates containing fullerene unit. 2001 , 337, 403-407	5
917	Syntheses and electronic structures of macrocyclic metal complexes with fullerene. 2001 , 317, 81-90	25
916	Synthesis and characterization of fullerol derived from C60n ₁ precursors. 2001 , 62, 999-1001	17
915	The renaissance of homoatomic nine-atom polyhedra of the heavier carbon-group elements SiPb. 2001 , 215, 347-377	207
914	Electrical and optical properties of pristine and polymerized fullerenes. 2001 , 35, 243-278	94
913	The primary stages of the charge carrier photogeneration in C60 films studied by the 100-fs laser pulse pump-probe method. 2001 , 93, 706-716	9
912	Phase transitions and the structure of the C60 crystal doped with lithium by electrodiffusion. 2001 , 93, 1239-1244	4
911	Superconductivity. Up on the C60 elevator. <i>Nature</i> , 2001 , 413, 264-5	50.4 24
910	Ecology. Crowd trouble for predators. <i>Nature</i> , 2001 , 413, 265	50.4 2
909	Magnetic carbon. <i>Nature</i> , 2001 , 413, 716-8	50.4 486
908	Superconductivity in single crystals of the fullerene C70. <i>Nature</i> , 2001 , 413, 831-3	50.4 30
907	Theoretical aspects of Si60 structure having endohedral beryllium species, Be and Be+2. 2001 , 548, 185-189	10
906	ASYMMETRICAL PHTHALOCYANINES. 2001 , 405-438	
905	RADIATION CHEMICAL AND PHOTOPHYSICAL PROPERTIES OF C60(C4H8SO3Na) _n IN AQUEOUS SOLUTION: A LASER FLASH PHOTOLYSIS AND PULSE RADIOLYSIS STUDY. 2001 , 9, 37-53	2

904	ELECTRON ORBITS AND SUPERCONDUCTIVITY OF CARBON 60. 2001 , 16, 3785-3792		3
903	Formation Mechanism of Polymeric Fullerenes. 2001 , 355, 445-456		
902	X-Ray Photoelectron Spectrum Analysis of Yb ₃ C ₆₀ Compound. <i>Chinese Physics Letters</i> , 2001 , 18, 656-658		
901	Pressure and Orientation Effects on the Electronic Structure of Carbon Nanotube Bundles. 2001 , 70, 2345-2352		16
900	Enhanced electric polarizability in metal C ₆₀ compounds: Formation of a sodium droplet on C ₆₀ . 2001 , 114, 1970-1973		27
899	Positron annihilation inside C ₆₀ . 2001 , 115, 4787-4790		2
898	Dimer-formation in the bis(arene)chromium fulleride Cr(C ₇ H ₈) ₂ C ₆₀ . 2001 , 115, 7161-7165		49
897	Bond formation in titanium fulleride compounds studied through x-ray emission spectroscopy. <i>Physical Review B</i> , 2001 , 63,	3-3	19
896	Morphology and characteristics of C ₆₀ thin films grown in argon atmosphere by thermal evaporation. 2001 , 19, 1018-1021		2
895	Electronic mechanism of superconductivity in the cuprates, C ₆₀ , and polyacenes. <i>Physical Review B</i> , 2001 , 64,	3-3	36
894	Phases for the azafullerides RbxC ₅₉ N. <i>Physical Review B</i> , 2001 , 63,	3-3	3
893	Quantum Monte Carlo characterization of small Cu-doped silicon clusters: CuSi ₄ and CuSi ₆ . 2001 , 114, 9028-9032		26
892	Electronic and geometric properties of exohedral sodium- and gold-fullerenes. 2001 , 114, 8459-8466		39
891	Electrical and optical properties of the B ⁺ and P ⁺ implanted C ₆₀ thin films. 2001 , 89, 318-322		6
890	Structural properties of chlorinated epitaxial C ₆₀ films. <i>Physical Review B</i> , 2001 , 63,	3-3	2
889	Quantitative assessment of the vibronic coupling in C ₆₀ via doping effects in Raman scattering experiments. <i>Physical Review B</i> , 2001 , 63,	3-3	17
888	Structure and stability of endohedral fullerene Sc ₃ N@C ₈₀ : A Raman, infrared, and theoretical analysis. 2001 , 115, 6596-6605		122
887	Monte Carlo simulation of phase separation in KxC ₆₀ . <i>Physical Review B</i> , 2002 , 66,	3-3	6

886	Breakdown of the Hellmann-Feynman theorem: Degeneracy is the key. <i>Physical Review B</i> , 2002 , 66,	3-3	12
885	Electronic structures of HnC_{60} clusters ($n=1\text{B}$): High electron acceptability of C_{60} . 2002 , 117, 3169-3172		3
884	Beltlike $\text{C}(60)^{-}$ electron spin density distribution in the organic ferromagnet TDAE- $\text{C}(60)$. 2002 , 88, 086402		20
883	Electronic structure of potassium-doped carbon nanotubes. <i>Physical Review B</i> , 2002 , 65,	3-3	64
882	Weak intrinsic charge transfer complexes: A new route for developing wide spectrum organic photovoltaic cells. 2002 , 116, 1713-1719		57
881	Evolution of magnetic behaviour in the graphitization process of glassy carbon. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 10265-10272	1.8	15
880	Ferromagnetism and giant magnetoresistance in the rare-earth fullerides $\text{Eu}_{6-x}\text{Sr}_x\text{C}_{60}$. <i>Physical Review B</i> , 2002 , 65,	3-3	25
879	The surface enhanced Raman spectroscopic study of the adsorption of C_{70} on the gold nanoparticles. 2008 , 129, 134702		3
878	Granularity and vortex dynamics in $\text{LaFeAsO}_{0.92}\text{F}_{0.08}$ probed by harmonics of the ac magnetic susceptibility. <i>Physical Review B</i> , 2008 , 78,	3-3	25
877	Structural and bonding properties of bcc-based B_{80} solids. <i>Physical Review B</i> , 2008 , 78,	3-3	29
876	Thermal stability, phase segregation, and sublimation of cesium fulleride thin films. <i>Physical Review B</i> , 2008 , 77,	3-3	8
875	Studies of electronic distribution in potassium-doped mats of single-walled carbon nanotubes, double-walled carbon nanotubes, and peapods. 2008 , 104, 013707		1
874	High-pressure phase transition in Rb_6C_{60} . <i>Physical Review B</i> , 2008 , 77,	3-3	11
873	Geometries, stabilities, and reactions of carbon clusters: Towards a microscopic theory of fullerene formation. <i>Physical Review B</i> , 2008 , 77,	3-3	17
872	Structure and electronic properties of Mg-doped rhombohedral boron constructed from icosahedral clusters. <i>Physical Review B</i> , 2008 , 77,	3-3	31
871	Estimates of effective Hubbard model parameters for C_{20} isomers. <i>Physical Review B</i> , 2008 , 78,	3-3	11
870	Reversible pressure-driven nanoscale phase separation in Rb_4C_{60} . <i>Physical Review B</i> , 2009 , 79,	3-3	13
869	Controlling the gap of fullerene microcrystals by applying pressure: Role of many-body effects. <i>Physical Review B</i> , 2009 , 79,	3-3	4

868	Face-centered-cubic K ₃ B ₈₀ and Mg ₃ B ₈₀ metals: Covalent and ionic bondings. <i>Physical Review B</i> , 2009 , 80,	3-3	11
867	Effects of cobalt doping and phase diagrams of LFe _{1-x} CoxAsO (L=La and Sm). <i>Physical Review B</i> , 2009 , 79,	3-3	172
866	Phase separation and charge transfer in a K-doped C ₆₀ monolayer on Ag(001). <i>Physical Review B</i> , 2009 , 80,	3-3	7
865	Magnetization measurement of a possible high-temperature superconducting state in amorphous carbon doped with sulfur. <i>Physical Review B</i> , 2009 , 79,	3-3	32
864	s=12 antiferromagnetic Heisenberg model on fullerene-type symmetry clusters. <i>Physical Review B</i> , 2009 , 80,	3-3	14
863	POLARONIC MECHANISM OF SUPERCONDUCTIVITY IN DOPED FULLERIDE SYSTEMS. 2009 , 23, 615-638		2
862	First-Principles Electronic Structure of Solid Picene. 2009 , 78, 113704		72
861	Investigation of C ₆₀ Epitaxial Growth Mechanism on GaAs Substrates. <i>Japanese Journal of Applied Physics</i> , 2009 , 48, 025502	1-4	6
860	Synthesis, X-ray single-crystal structure determination, and magnetic properties of [Rb(benzo[18]crown-6)] ⁺ salts containing well-ordered fulleride trianions C ₆₀ (3 ⁻). 2009 , 15, 3261-7		21
859	Recent advances in superconductivity of covalent superconductors. 2009 , 469, 675-679		10
858	Sur les phases de type clathrate du silicium et des Éléments apparentés (C, Ge, Sn) : Une approche historique. 2009 , 12, 1014-1056		33
857	New superconductors based on (Ca, Sr, Ba)Fe ₂ As ₂ ternary arsenides: Synthesis, properties, and simulation. 2009 , 50, 539-551		17
856	Demonstration of the Break-and-Seal Approach to Fullerides of Complex Cations at the Example of KC ₆₀ (THF) ₅ ·2THF. 2009 , 635, 1355-1361		35
855	Direct electron-beam writing of highly conductive wires in functionalized fullerene films. 2009 , 5, 2750-5		8
854	Superconducting group-IV semiconductors. 2009 , 8, 375-82		137
853	Theoretical study on C ₃₂ fullerenes and their endohedral complexes with noble gas atoms. 2009 , 907, 104-108		12
852	Graphitization of activated carbon under high pressures and high temperatures. 2009 , 149, 818-821		15
851	RHEED intensity oscillation of C ₆₀ layer epitaxial growth. 2009 , 311, 2227-2231		8

850	Application of calorimetry and thermodynamics to critical problems in materials science. 2009 , 41, 1-10		11
849	Temperature dependence of the lower critical field H_{c1} in $\text{SmFeAsO}_{0.9}\text{F}_{0.1}$ and $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ iron-arsenide superconductors. 2009 , 469, 599-605		20
848	Interaction Between C_{60} Fullerene and Alkali Metals Demonstrating Superconductivity. 2009 , 1, 1584-1589		5
847	Surface transfer doping of semiconductors. 2009 , 84, 279-321		240
846	Dispersions, novel nanomaterial sensors and nanoconjugates based on carbon nanotubes. 2009 , 150, 63-89		79
845	Structural evolution in the graphitization process of activated carbon by high-pressure sintering. <i>Carbon</i> , 2009 , 47, 744-751	10.4	147
844	A technique for the rapid intercalation of alkali and alkaline-earth metals into crystalline C_{60} using self-propagating high temperature synthesis. <i>Carbon</i> , 2009 , 47, 3019-3022	10.4	2
843	A Simple Preparation of C_{60} -Poly(ethylene glycol) Gel and its Properties. 2009 , 41, 40-45		6
842	Intrinsic dipole moment on the capped carbon nanotubes. <i>Physical Review B</i> , 2009 , 80,	3.3	7
841	Superconductivity in covalent semiconductors. 2009 , 7,		5
840	Computer simulation of the infrared spectra of endohedral metallofullerenes Li_2C_{60} and Na_2C_{60} . 2009 , 51, 649-656		3
839	Structure and property correlations in heavy atom radical conductors. 2009 , 131, 7112-25		83
838	Methoxy-Substituted Phenalenyl-Based Neutral Radical Molecular Conductor. 2009 , 21, 2226-2237		29
837	Tunneling Effects of the Nondissipative Diamagnetic Currents in the Negatively Charged One-Dimensional Tetracyanoquinodimethanide (TCNQ) Molecular Crystals. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 19645-19657	3.8	6
836	Tuning charge transfer energetics in reaction center mimics via T(h)-functionalization of fullerenes. 2009 , 131, 8180-95		46
835	Intramolecular Diamagnetic Currents in Microscopic Sized Neutral Polyacetylenes. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 402-414	3.8	6
834	Electronic Structures and Raman Features of a Carbon Nanobud. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 20822-20826	3.8	26
833	The high conductivity of defect fullerene C_{40} cage. 2009 , 46, 128-132		31

832	Nucleation and growth of C60 nanoparticles from the supersaturated vapor and from the undercooled liquid: a molecular simulation study. 2009 , 131, 244515		8
831	Polymerized sp ² /sp ³ hybrid metallic phase of C60 as obtained via constant-pressure molecular dynamics. <i>Physical Review B</i> , 2009 , 79,	3.3	15
830	First principles study of Si-doped BC2N nanotubes. 2009 , 130, 114710		17
829	The Phenomenon: Occurrence and Characteristics. <i>Springer Series in Materials Science</i> , 2009 , 1-39	0.9	
828	Cluster-assembled materials. <i>ACS Nano</i> , 2009 , 3, 244-55	16.7	528
827	A comparative study of ion-induced damages in C60 and C70 fullerenes. 2009 , 164, 38-48		29
826	High-nuclearity mixed-valence clusters and mixed-valence chains: general approach to the calculation of the energy levels and bulk magnetic properties. 2009 , 48, 4557-68		21
825	The critical effect of solvent geometry on the determination of fullerene (C60) self-assembly into dot, wire and disk structures. 2009 , 4803-5		87
824	Clusters, Superatoms, and Building Blocks of New Materials. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 2664-2675	3.8	422
823	Structural characteristics of endohedral metallofullerenes ranging from C66 to C84. 2009 , 24, 289-300		
822	Growth and ellipsometric studies on C60 thin films for solar cell applications. 2009 , 106, 074517		11
821	Electron beam irradiation effect for solid C60 epitaxy on graphene. 2009 , 18, 388-391		11
820	Thermoelectric power of K3C60fullerides: Phonon drag and carrier diffusion contributions. 2009 , 150, 052037		
819	Unusual Shapes of C60Crystals Formed at Liquid-Liquid Interfaces. 2009 , 38, 988-989		
818	Carbon, 7. Fullerenes and Carbon Nanomaterials. 2010 ,		
817	Energetics and Electronic Structure of Na-Doped Rhombohedral C60 Polymers. 2010 , 79, 084702		
816	Intercalation of C60 fullerene crystals with alkali and alkaline-earth metals through self-propagating high-temperature synthesis. 2010 , 52, 212-215		
815	Controlling band gap energies in cluster-assembled ionic solids through internal electric fields. <i>ACS Nano</i> , 2010 , 4, 5813-8	16.7	59

814	Doped graphene as a superconductor. 2010 , 374, 2953-2956	7
813	X-ray diffraction and magnetic susceptibility of sodium fullerenes Na _x C ₆₀ . 2010 , 71, 689-691	3
812	Structural stability of C ₆₀ films under the bombardment of 1.95 GeV Kr ions. 2010 , 55, 3533-3537	1
811	Statistical mechanical models with separable many-body interactions: especially partition functions and thermodynamic consequences. 2010 , 47, 520-538	6
810	Doped C ₆₀ Study from First Principles Simulation. 2010 , 23, 877-880	3
809	Band structure calculations for some binary mixed alkali-metal doped C ₆₀ . 2010 , 14, 1-7	1
808	Interaction and superconducting transition in alkali-doped C ₆₀ . 2010 , 17, 16-23	
807	Photophysical Properties and Photoinduced Electron Transfer between [60]Fullerene-Containing Cyclic Sulphoxide [C ₆₀ -C ₆ H ₈ SO] and Tetrathiafulvalene (TTF) by Laser Flash Photolysis. 2010 , 20, 1007-1011	2
806	Superconducting Ceramics. 2010 , 319-346	
805	Application of Advanced Solid-State NMR Techniques to the Characterization of Nanomaterials: A Focus on Interfaces and Structure. 2010 , 139-182	2
804	Reversible Optical Manipulation of Superconductivity. 2010 , 122, 382-384	5
803	A Two-Dimensional Organic Metal Based on Fullerene. 2010 , 122, 4939-4942	14
802	Self-Crystallization of C ₇₀ Cubes and Remarkable Enhancement of Photoluminescence. 2010 , 122, 9864-9869	9
801	Reversible optical manipulation of superconductivity. 2010 , 49, 372-4	25
800	A two-dimensional organic metal based on fullerene. 2010 , 49, 4829-32	53
799	Self-crystallization of C(70) cubes and remarkable enhancement of photoluminescence. 2010 , 49, 9670-5	79
798	Comparative study of optical parameters of fullerene C ₆₀ film at different temperatures. 2010 , 283, 3437-3440	12
797	B36N36 fullerene-like nanocages: A novel material for drug delivery. 2010 , 42, 2184-2189	53

796	Influence of 3d transition metals (Fe, Co) on the structural, electrical and magnetic properties of C60 nano-cage. 2010 , 405, 4937-4942		28
795	Molecular simulation of C60 adsorption onto a TiO2 rutile (110) surface. 2010 , 256, 5365-5369		4
794	Laser-induced transformation of Li4C60 and Na4C60 polymers into metallic monomeric fulleride phases. 2010 , 489, 64-68		2
793	Resonating valence-bond mechanism for the superconductivity in K3C60. 2010 , 110, 2088-2093		1
792	Endohedral fullerene research. 2010 , 113, 543-546		7
791	Superconductivity in alkali-metal-doped picene. <i>Nature</i> , 2010 , 464, 76-9	50.4	403
790	Polymorphism control of superconductivity and magnetism in Cs(3)C(60) close to the Mott transition. <i>Nature</i> , 2010 , 466, 221-5	50.4	177
789	. 2010 ,		35
788	Existence of an Intermediate Metallic Phase at the SDW-CDW Crossover Region in the One-Dimensional Holstein-Hubbard Model at Half-Filling. 2010 , 2010, 1-14		8
787	Phonons in Lattice and Structural Dynamics. 2010 , 2010, 1-6		3
786	Fullerene monolayer formation by spray coating. <i>Nanotechnology</i> , 2010 , 21, 065302	3.4	11
785	Interaction between B-Doped C 60 Fullerene and Glycine Amino Acid from First-Principles Simulation. <i>Chinese Physics Letters</i> , 2010 , 27, 043102	1.8	19
784	Charge transfer between the Au(111) surface and adsorbed C(60): Resonant photoemission and new core-hole decay channels. 2010 , 133, 094705		22
783	Onion-like carbon synthesis by annealing nanodiamond at lower temperature and vacuum. 2010 , 5, 375-382		13
782	Investigation of interface between fullerene molecule and Si(111)-7 \times 7 surface by noncontact scanning nonlinear dielectric microscopy. 2010 , 28, C4D18-C4D23		9
781	Quantum chemical formulation of high-Tc superconductivity applied to H-FeSe . <i>Physical Review B</i> , 2010 , 82,	3.3	3
780	Calculation of images of oriented C60 molecules using molecular orbital theory. <i>Physical Review B</i> , 2010 , 81,	3.3	22
779	Working at the interface. <i>Molecular Physics</i> , 2010 , 108, 3235-3248	1.7	

778	HRTEM and Raman characterisation of the onion-like carbon synthesised by annealing detonation nanodiamond at lower temperature and vacuum. 2010 , 5, 473-487		20
777	Superconductivity of Fullerides $AnHgxC_{60}$ ($A = K, Rb, Cs$; $n = 2, 3$) Synthesized from Amalgams. 2010 , 18, 381-385		9
776	First-principles calculations of Fe-doped monolayer C_{60} on h-BN/Ni(111) surface. 2010 , 132, 074702		3
775	Electronic structure of Eu- $C(70)$ fullerides. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 175504	1.8	1
774	Fullerenes: from carbon to nanomedicine. 2010 , 10, 662-77		43
773	Metallization of the $C_{60}/Rh(100)$ interface revealed by valence photoelectron spectroscopy and density functional theory calculations. 2010 , 132, 234710		4
772	Structure of Polynitrogen Clusters Encapsulated in C_{60} : A Density Functional Study. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 9153-9160	3.8	29
771	General Theory of High- T_c Superconductors. 2010 , 1-47		0
770	Electron-phonon coupling in C_{60} using hybrid functionals. <i>Physical Review B</i> , 2010 , 81,	3.3	39
769	Optimal electron doping of a C_{60} monolayer on Cu(111) via interface reconstruction. 2010 , 104, 036103		90
768	The fermi level dependent electronic properties of the smallest (2,2) carbon nanotube. 2010 , 10, 3290-6		8
767	Fulleride of aluminum nanoclusters. 2010 , 108, 094317		20
766	Synthesis and UHV-STM observation of the T(d)-symmetric Lu metallofullerene: $Lu_2@C_{76}(T(d))$. 2010 , 46, 5653-5		41
765	Visualization of static Jahn-Teller effects in the fullerene anion C_{60}^- <i>Physical Review B</i> , 2010 , 82,	3.3	19
764	Synthesis and electrical properties of fullerene-based molecular junctions on silicon substrate. 2010 , 20, 2680		13
763	Bulk Synthesis and Structure of a Microcrystalline Allotrope of Germanium (m-allo-Ge). 2011 , 23, 4578-4586		36
762	Metal-intercalated aromatic hydrocarbons: a new class of carbon-based superconductors. 2011 , 13, 16476-93		183
761	Theoretical study on the sequential hydroxylation of C_{82} fullerene based on Fukui function. <i>Molecular Physics</i> , 2011 , 109, 1771-1783	1.7	12

760	Superconductivity at 5 K in alkali-metal-doped phenanthrene. <i>Nature Communications</i> , 2011 , 2, 507	17.4	158
759	Atomic-scale mechanical properties of orientated C60 molecules revealed by noncontact atomic force microscopy. <i>ACS Nano</i> , 2011 , 5, 6349-54	16.7	63
758	Plasmon electron-hole resonance in epitaxial graphene. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 012001	1.8	61
757	Organic Electrical Double Layer Transistors Based on Rubrene Single Crystals: Examining Transport at High Surface Charge Densities above 10 ¹³ cm ⁻² . <i>Journal of Physical Chemistry C</i> , 2011 , 115, 14360-14368	3.8	71
756	[As7M(CO)3]3M = Cr, Mo, W: Bonding and Electronic Structure of Cluster Assemblies with Metal Carbonyls. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 23704-23710	3.8	5
755	Regioselective cycloaddition of La2@I(h)-C80 with tetracyanoethylene oxide: formation of an endohedral dimetallofullerene adduct featuring enhanced electron-accepting character. 2011 , 133, 3796-9		26
754	Non-IPR endohedral fullerene Yb@C76: density functional theory characterization. 2011 , 21, 12206		35
753	Frontiers of organic conductors and superconductors. 2012 , 312, 67-126		24
752	Synthetic Chemistry of Fullerenes. 2011 , 249-267		2
751	The story of making fullerenes. 2011 , 3, 2485-9		14
750	Crystal nucleation and growth from supercooled melts. 2011 , 37, 613-620		14
749	High-Tc Superconductivity. 2011 , 81-147		2
748	Theory of Superconductivity in Graphite Intercalation Compounds. 2011 , 410-426		
747	Electronic Modification of C ₆₀ Monolayers via Metal Substrates. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 08LB06	1.4	5
746	Doping-enhanced hyperpolarizabilities of silicon clusters: a global ab initio and density functional theory study of Si ₁₀ (Li, Na, K) _n (n=1, 2) clusters. 2011 , 135, 044511		62
745	Chemistry and high temperature superconductivity. 2011 , 21, 4756		17
744	New method of accurate estimation of the electron-phonon coupling constants in fractionally charged incommensurate electronic states in molecular systems. 2011 , 135, 024103		
743	Non-Ohmic current-voltage characteristics in the positively charged tetrathiafulvalene (TTF) molecular crystals. 2011 , 161, 704-712		2

742	The role of phonon- and photon-coupled interactions in electron pairing in solid state materials. 2011 , 161, 2113-2123		2
741	Electron-phonon coupling in the C60 fullerene within the many-body GW approach. <i>Physical Review B</i> , 2011 , 84,	3-3	75
740	Effect of C60 layer on the growth mode and conductance of Au and Ag films on Si(111)3-Au and Si(111)3-Ag surfaces. 2011 , 110, 093704		10
739	Basics of Carbon Nanotube and Its Applications-High expectations of technological innovation by carbon nanotube as new carbon material, and facing challenges for its practical applications-. 2011 , 127, 61-68		
738	Si?????????. 2011 , 62, 477-485		2
737	Multiple plasmon excitations in adsorbed two-dimensional systems. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 112204	1.8	28
736	(e,2e) experiments on C60. 2011 , 288, 012006		3
735	Flexible control of the Peierls transition in metallic C 60 polymers. 2011 , 96, 27011		9
734	Conjugated Molecular Belts Based on 3D Benzannulene Systems. 2011 , 311-342		11
733	Curved EConjugated Stable Open-Shell Systems Possessing Three-Dimensional Molecular/Electronic Spin Structures. 2011 , 95-134		4
732	First Principles Calculations of the Electronic Structure of ZrN Allotropes. 2011 , 80, 114707		1
731	Doped Carbon Nanotubes: (X:CNTs). 2011 , 41-111		2
730	Self-assembly of a new C60 compound with a L-glutamid-derived lipid unit: formation of organogels and hierarchically structured spherical particles. 2011 , 7, 3592		26
729	Raman study of the electron-phonon interaction in light alkali metal intercalated metallic fullerenes. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 115701	1.8	3
728	Self-assembly and ordering of C60 on the WO2/W(110) surface. 2011 , 4, 194-203		17
727	Organic superconductors. 2011 , 11, 124-45		38
726	Description of the nanostructured morphology of [6,6]-phenyl-C61 -butyric acid methyl ester (PCBM) by XRD, DSC and solid-state NMR. 2011 , 49, 242-7		23
725	Zintl-Ionen, Kligverbindungen und intermetalloide Cluster der Elemente der 14. und 15. Gruppe. 2011 , 123, 3712-3754		163

724	Direct Observation of the Transition from Static to Dynamic Jahn-Teller Effects in the [Cs(THF) ₄]C ₆₀ Fulleride. 2011 , 123, 11844-11847		13
723	Zintl ions, cage compounds, and intermetalloid clusters of Group 14 and Group 15 elements. 2011 , 50, 3630-70		365
722	Direct observation of the transition from static to dynamic Jahn-Teller effects in the [Cs(THF) ₄]C ₆₀ fulleride. 2011 , 50, 11640-3		26
721	Can a metal-metal bond hop in the fullerene cage?. 2011 , 17, 10230-4		39
720	Electronic and geometric properties of exohedral potassium-fullerenes. 2011 , 964, 213-217		9
719	Superconductivity in doped clathrates, diamond and silicon. 2011 , 12, 584-590		3
718	Surface Hubbard U of alkali fullerenes. 2011 , 183, 94-100		9
717	Two-Dimensionally Polymerized Coronene: A Metallic Sheet of sp ² C Atoms. 2011 , 80, 123704		
716	Plasmon dispersion in molecular solids: Picene and potassium-doped picene. <i>Physical Review B</i> , 2011 , 84,	3-3	27
715	Superconductivity and spectroscopy of homo- and heterofullerenes of alkali metals and thallium. 2011 , 37, 245-260		9
714	Dynamic response and electronic structure of potassium-doped picene investigated by electron energy-loss spectroscopy. <i>Physical Review B</i> , 2011 , 83,	3-3	25
713	Strong intramolecular electron-phonon coupling in the negatively charged aromatic superconductor picene. 2011 , 107, 077001		62
712	Codoping in a single molecular junction from first principles. <i>Physical Review B</i> , 2011 , 83,	3-3	6
711	One-dimensional alkali-doped C ₆₀ chains encapsulated in BN nanotubes. <i>Physical Review B</i> , 2011 , 83,	3-3	2
710	Ab initio electronic structure of solid coronene: Differences from and commonalities to picene. <i>Physical Review B</i> , 2011 , 84,	3-3	34
709	First-principles structural optimization and electronic structure of the superconductor picene for various potassium doping levels. <i>Physical Review B</i> , 2011 , 84,	3-3	54
708	Electronic phase transition of the valence-fluctuating fulleride Eu _{2.75} C ₆₀ . <i>Physical Review B</i> , 2011 , 83,	3-3	1
707	Observation of the Meissner state in superconducting arrays of 4- μ carbon nanotubes. <i>Physical Review B</i> , 2011 , 83,	3-3	6

706	Vibrational spectrum and electron-phonon coupling of doped solid picene from first principles. <i>Physical Review B</i> , 2011 , 84,	3-3	53
705	Preparation of C60 Thin Film and Investigation of its Optical Properties. 2011 , 194-196, 2317-2321		1
704	Structural modification of C 60 films induced by 300-keV Xe-ion irradiation. 2011 , 20, 076105		2
703	Synthesis, Properties, and Applications of Low-Dimensional Carbon-Related Nanomaterials. 2011 , 2011, 1-21		73
702	Magnetic instability and pair binding in aromatic hydrocarbon superconductors. 2012 , 2, 922		23
701	Superconductivity in BaTi2Sb2O with ad1Square Lattice. 2012 , 81, 103706		75
700	Anchoring platinum on graphene using metallic adatoms: a first principles investigation. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 225003	1.8	16
699	Insight into the vertical detachment energy oscillation of Na(n)C60(-) clusters. 2012 , 136, 174314		4
698	Absence of photoemission from the Fermi level in potassium intercalated picene and coronene films: structure, polaron, or correlation physics?. 2012 , 136, 134503		46
697	Bilayers of Rydberg atoms as a quantum simulator for unconventional superconductors. 2012 , 109, 223001		24
696	Raman response of stage-1 graphite intercalation compounds revisited. <i>Physical Review B</i> , 2012 , 86,	3-3	24
695	Odd-momentum pairing and superconductivity in vertical graphene heterostructures. <i>Physical Review B</i> , 2012 , 86,	3-3	20
694	Collective mode in a well-ordered organic monolayer. <i>Physical Review B</i> , 2012 , 85,	3-3	3
693	Electronic structure of undoped and potassium-doped coronene investigated by electron energy-loss spectroscopy. <i>Physical Review B</i> , 2012 , 85,	3-3	22
692	PHONON DRAG AND CARRIER DIFFUSION CONTRIBUTIONS IN THERMOELECTRIC POWER OF K3C60 FULLERIDES. 2012 , 01, 1250027		2
691	Direct structure analysis of advanced nanomaterials by high-resolution electron microscopy. 2012 , 1, 389-425		17
690	Structure of Materials: An Introduction to Crystallography, Diffraction and Symmetry. 688-715		
689	Superconductivity of heterofullerides AnBmHgxC60(A=K, Rb, Cs; B=Be, Mg, B, Al, Ga, In; n=1, 2; m=1, 2; x 2012, 391, 012173		3

688	Electrostatically and electrochemically induced superconducting state realized in electrochemical cells. 2012 , 400, 022049		2
687	Molecular solubilization of fullerene C(60) in water by β -cyclodextrin thioethers. 2012 , 8, 1644-51		20
686	Can a single molecule of water be completely isolated within the subnano-space inside the fullerene C60 cage? A quantum chemical prospective. 2012 , 18, 15345-60		39
685	Superconductivity in metal-coated graphene. 2012 , 249, 2544-2548		12
684	Electron-phonon coupling and charge-transfer excitations in organic systems from many-body perturbation theory. 2012 , 47, 7472-7481		27
683	Dynamic Jahn-Teller effect in the parent insulating state of the molecular superconductor Cs α <i>Nature Communications</i> , 2012 , 3, 912	17.4	51
682	A first-principles prediction of two-dimensional superconductivity in pristine B α single layers. 2012 , 4, 3032-5		55
681	Synthesis and characterization of a lithium-doped fullerane (Li(x)-C60-H(y)) for reversible hydrogen storage. 2012 , 12, 582-9		88
680	Semiquinone-bridged bisdithiazolyl radicals as neutral radical conductors. 2012 , 134, 2264-75		79
679	Experimental Study of Pristine and Alkali Metal Doped Picene Layers: Confirmation of the Insulating Phase in Multilayer Doped Compounds. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19902-19908 ^{3,8}		32
678	Palladium in the Gap: Cluster Assemblies with Band Edges Localized on Linkers. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10207-10214	3.8	8
677	Evidence for phase formation in potassium intercalated 1,2;8,9-dibenzopentacene. 2012 , 85, 1		11
676	Molecular structure, electronic property and vibrational spectroscopy of C24-glycine and Gd@C24-glycine complexes. 2012 , 98, 183-9		13
675	Synthesis of fullerene-containing methacrylates. 2012 , 22, 199-200		20
674	From Crystals to Molecules. 2012 , 781-822		
673	Volumes and issues. 2012 , 6, 37		3
672	Volumes and issues. 2012 , 6, 25		0
671	Collective excitations in the electron energy loss spectra of C60. 2012 , 66, 1		35

670	Superconductivity above 30 K in alkali-metal-doped hydrocarbon. 2012 , 2, 389		136
669	Experimental Study on the Preparation of Ag Nanoparticle Doped Fullerenol for Lithium Ion Battery Application. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 10461-10467	3.8	10
668	Superconducting fullerene nanowhiskers. 2012 , 17, 4851-9		34
667	Superconductivity and magnetism in 11-structure iron chalcogenides in relation to the iron pnictides. 2012 , 13, 054304		24
666	Physical Properties of Thiazyl Radicals Toward Conductive and Magnetic Materials. 2012 ,		1
665	Novel Nanocarbons for Adsorption. 2012 , 3-34		11
664	Development and Present Status of Organic Superconductors. 2012 ,		2
663	Chemical Techniques. 2012 , 35-204		2
662	The Phenomenon: Occurrence and Characteristics. <i>Springer Series in Materials Science</i> , 2012 , 1-41	0.9	
661	Mechanical and electrical properties of polyamide-6-based nanocomposites reinforced by fulleroid fillers. 2012 , 52, 1206-1211		27
660	Reshaping Rubrene by Controlled Reduction with Alkali Metals. 2012 , 2012, 4675-4683		25
659	Bis-semiquinone (bi-radical) formation by photoinduced proton coupled electron transfer in covalently linked catechol-quinone systems: Aviram's hemiquinones revisited. 2012 , 11, 957-61		17
658	Angle-Resolved Photoemission Studies of Quantum Materials. 2012 , 3, 129-167		59
657	The molecularly controlled synthesis of ordered bi-dimensional C60 arrays. 2012 , 18, 7594-600		9
656	How charging corannulene with one and two electrons affects its geometry and aggregation with sodium and potassium cations. 2012 , 18, 6476-84		79
655	Mono-addition synthesis of polystyrene-fullerene (C60) conjugates by thiol-ene chemistry. 2012 , 18, 10254-7		25
654	FullereneC60 in Contact with Alkali Metal Clusters: Prototype Nano-Objects of Enhanced First Hyperpolarizabilities. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 11808-11819	3.8	61
653	Biomimetic Motifs Toward the Construction of Artificial Reaction Centers. 2012 , 127-158		

- 652 Optical scattering by a spherical two-dimensional electron gas: Application to the C60 molecule. **2012**, 123, 325-328 6
- 651 Composites of graphene and other nanocarbons with organogelators assembled through supramolecular interactions. **2012**, 18, 2890-901 51
- 650 Structural and static electric response properties of highly symmetric lithiated silicon cages: theoretical predictions. **2012**, 33, 1068-79 21
- 649 Recent progresses on the new condensed forms of single-walled carbon nanotubes and energy-harvesting devices. **2012**, 57, 181-186 6
- 648 Anisotropic Eliashberg function and electron-phonon coupling in doped graphene. *Physical Review B*, **2013**, 88, 3-3 33
- 647 Interpretation of anomalous normal state optical conductivity of K₃C₆₀ fullerides. **2013**, 36, 65-70 1
- 646 Electrochemical synthesis of transparent, amorphous, C-rich, photoactive, and low-doped film with an interconnected structure. **2013**, 9, 2064-8 19
- 645 New Frontiers in Photochromism. **2013**, 91
- 644 Main Group Metal Clusters. **2013**, 833-867 1
- 643 One-dimensional self-assembly of C60 molecules on periodically wrinkled graphene sheet: A Monte Carlo approach. **2013**, 377, 3136-3143 8
- 642 Extreme Correlation Effects in the Elusive Bound Spectrum of C60 **2013**, 4, 3319-3324 33
- 641 New basic insight into reductive functionalization sequences of single walled carbon nanotubes (SWCNTs). **2013**, 135, 18385-95 63
- 640 Multilayer Assembly for Solar Energy Conversion. **2013**, 55-99 1
- 639 Vortex distribution in a confining potential. **2013**, 88, 032118 3
- 638 Stacking principle and magic sizes of transition metal nanoclusters based on generalized Wulff construction. **2013**, 111, 115501 42
- 637 X-ray Spectroscopic Study of the Conduction Band of K₃:Anthracene and K₃:Phenanthrene. *Journal of Physical Chemistry C*, **2013**, 130826233621000 3.8
- 636 To evince pure C24 as superconducting mechanically controllable break junction configuration. **2013**, 7
- 635 Thermodynamic Study on the Effect of O₂N₂-azacrown Macrocyclic Ring-size in Complexation with [60]Fullerene. **2013**, 21, 394-402 6

634	Superconductivity in a Fermi liquid from repulsive interactions: The role of electron-phonon interaction. 2013 , 493, 2-6		
633	Comparative study of reversible hydrogen storage in alkali-doped fullerenes. 2013 , 580, S364-S367		19
632	Site- and orbital-dependent charge donation and spin manipulation in electron-doped metal phthalocyanines. 2013 , 12, 337-43		93
631	Group of Carbon. 2013 , 221-234		
630	Fullerenes. 2013 , 1		
629	Thermal transport in C ₂₀ fullerene-chained carbon nanobuds. 2013 , 113, 123504		4
628	Structural and electronic properties of pyrrolidine-functionalized [60]fullerenes. 2013 , 74, 1594-1598		45
627	Mechanochemistry of fullerenes and related materials. 2013 , 42, 7535-70		231
626	Preparation and superconductivity of potassium-doped fullerene nanowhiskers. 2013 , 48, 343-345		23
625	Vibronic Interactions in Fractionally Charged Hydrocarbons. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 17211-17224	3.8	1
624	Modulation of the work function of fullerenes C ₆₀ and C ₇₀ by alkali-metal adsorption: A theoretical study. 2013 , 377, 2676-2680		6
623	Theoretical insight for the metal insertion pathway of endohedral alkali metal fullerenes. 2013 , 117, 3521-8		10
622	Antiferromagnetic resonance in the Mott insulator fcc-Cs ₃ C ₆₀ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 366001	1.8	2
621	Phonon Drag and Carrier Diffusion Contributions in Thermoelectric Power of M ₃ C ₆₀ (M = K, Rb) Fullerides. 2013 , 123, 752-760		
620	Electric-Field-Induced Superconductivity on an Organic/Oxide Interface. <i>Japanese Journal of Applied Physics</i> , 2013 , 52, 110129	1.4	2
619	Transport properties of Ag ₅ Pb ₂ O ₆ : A three-dimensional electron-gas-like system with low carrier density. <i>Physical Review B</i> , 2013 , 88,	3.3	2
618	Electron-doped organics: Charge-disproportionate insulators and Hubbard-Fröhlich metals. <i>Physical Review B</i> , 2013 , 88,	3.3	15
617	Structure, optical, and magnetic properties of (PPN ⁺) ₂ (C ₇₀ (2 ⁻)) ₂ C ₆ H ₄ Cl ₂ , which contains dianionic polymeric (C ₇₀ (2 ⁻)) _n chains. 2013 , 8, 1139-43		5

616	Nuclear magnetic resonance of hydrogen molecules trapped inside C70 fullerene cages. 2013 , 14, 3121-30	10
615	DFT STUDY OF STRUCTURAL AND ELECTRONIC PROPERTIES OF ENDOHEDRAL COMPLEXES OF GROUP V ATOMS WITH C60. 2013 , 27, 1350152	5
614	Superconductivity in highly disordered dense carbon disulfide. 2013 , 110, 11720-4	30
613	Loss spectroscopy of molecular solids: combining experiment and theory. 2013 , 15, 125024	12
612	Counterintuitive Anisotropy of Electron Transport Properties in KC60(THF)5·2 THF Fulleride. 2013 , 125, 12842-12846	4
611	Fullerene C60 Architectures in Materials Science. 2013 , 47-88	1
610	Counterintuitive anisotropy of electron transport properties in KC60(THF)5·2THF fulleride. 2013 , 52, 12610-4	15
609	Plasmon excitations in photo- and electron impact ionization of fullerenes. 2013 , 438, 012011	6
608	The Mott State and Superconductivity in Face-Centred Cubic Structured Cs3C60: A133Cs-Nuclear Magnetic Resonance Study under Pressure. 2013 , 82, 014709	6
607	Transition metal complexes and radical anion salts of 1,10-phenanthroline derivatives annulated with a 1,2,5-tiadiazole and 1,2,5-tiadiazole 1,1-dioxide moiety: multidimensional crystal structures and various magnetic properties. 2014 , 19, 609-40	7
606	Ionic Bonding between Artificial Atoms. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 30101-30105	3.8 7
605	Influence of C60 Aggregation on Pseudorotation in the Excited Triplet State Probed by Multifrequency Time-Resolved EPR. 2014 , 45, 901-909	3
604	Bonding in exohedral metalfullerene cationic complexes. 2014 , 4, 53010-53020	12
603	Dynamic Behavior of Lithium-Cation in a C60 Fullerene Cage Elucidated by Terahertz Spectroscopy. 2014 , 598, 28-31	12
602	On the Thermodynamic Critical Field for the K ₃ C ₆₀ and Rb ₃ C ₆₀ Fullerides. 2014 , 126, 342-343	4
601	Tuning the Curie temperature of L10 ordered FePt thin films through site-specific substitution of Rh. 2014 , 116, 143902	6
600	Raman spectroscopy of graphite intercalation compounds: Charge transfer, strain, and electron-phonon coupling in graphene layers. 2014 , 251, 2337-2355	61
599	C60 ³⁻ versus C60 ⁴⁻ /C60 ⁵⁻ Synthesis and Characterization of Five Salts Containing Discrete Fullerene Anions. 2014 , 640, 701-712	4

598	Engineering and Applications of Carbon Materials. 2014 , 219-525		8
597	Time-dependent density functional theory of coupled electronic lattice motion in quasi-two-dimensional crystals. <i>Physical Review B</i> , 2014 , 89,	3.3	11
596	SnAs with the NaCl-type Structure: Type-I Superconductivity and Single Valence State of Sn. 2014 , 26, 7209-7213		25
595	Modulation of the work function of fullerenes C60 and C70 by alkaline earth metal adsorption: A theoretical study. 2014 , 32, 010601		
594	Electrical properties of Ba3C60 collapsed under high-pressure and high-temperature conditions. <i>Carbon</i> , 2014 , 73, 125-131	10.4	3
593	On the thermodynamic properties of the Rb3C60 superconductor. 2014 , 61, 38-42		5
592	Supramolecular self-assembly and nanoencapsulation of [60]fullerene by bis- β -cyclodextrin. 2014 , 79, 215-223		7
591	Encapsulation of sodium radio-iodide in fullerene C ₆₀ . 2014 , 20, 2130		4
590	White-light-emitting edge-functionalized graphene quantum dots. 2014 , 53, 5619-23		156
589	Organic thermoelectric materials: emerging green energy materials converting heat to electricity directly and efficiently. 2014 , 26, 6829-51		636
588	Charge-transfer complexes: new perspectives on an old class of compounds. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3065-3076	7.1	289
587	Magnetic interactions in molecules and highly correlated materials: physical content, analytical derivation, and rigorous extraction of magnetic Hamiltonians. 2014 , 114, 429-92		279
586	Observation of a universal donor-dependent vibrational mode in graphene. <i>Nature Communications</i> , 2014 , 5, 3257	17.4	101
585	Fullerenes, Carbon Chains, and Interstellar Matter. 2014 , 22, 23-34		2
584	Supramolecular fullerene polymers and networks directed by molecular recognition between calix[5]arene and C60. 2014 , 20, 16138-46		45
583	Fundamental Science of Carbon Materials. 2014 , 17-217		9
582	Construction of carbon-based two-dimensional crystalline nanostructure by chemical vapor deposition of benzene on Cu(111). 2014 , 6, 7934-9		10
581	Superconductivity in metal-intercalated aromatic hydrocarbons. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1577	7.1	24

580	Storylines in intercalation chemistry. 2014 , 43, 10276-91		72
579	All for one and one for all: accommodating an extra electron in C ₆₀ . 2014 , 16, 13287-93		27
578	Absorption spectra of alkali-C ₆₀ nanoclusters. 2014 , 16, 22399-408		2
577	A magnetically isolated cuprate spin-ladder system: synthesis, structures, and magnetic properties. 2014 , 43, 12974-81		10
576	Design, crystal structures and magnetic properties of anionic salts containing fullerene C ₆₀ and indium(III) bromide phthalocyanine radical anions. 2014 , 43, 13061-9		20
575	Explaining fullerene dispersion by using micellar solutions. 2014 , 15, 2998-3005		18
574	Electronic and magnetic structure of neutral radical FBBO. <i>Physical Review B</i> , 2014 , 89,	3-3	17
573	Iron-oxide-supported nanocarbon in lithium-ion batteries, medical, catalytic, and environmental applications. <i>ACS Nano</i> , 2014 , 8, 7571-612	16.7	128
572	Formation of High-Aspect-Ratio Helical Nanorods via Chiral Self-Assembly of Fullerodendrimers. 2014 , 5, 929-34		2
571	Magnetic field modulated microwave spectroscopy across phase transitions and the search for new superconductors. 2014 , 77, 093902		11
570	Method for the synthesis of amine-functionalized fullerenes involving SET-promoted photoaddition reactions of β -silylamines. 2014 , 79, 6946-58		29
569	Crystal Growth, Structure, and Transport Properties of the Charge-Transfer Salt Picene/2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane. 2014 , 14, 1338-1346		54
568	Thermochemistry, Morphology, and Optical Characterization of Germanium Allotropes. 2014 , 26, 3263-3271		21
567	Superconductivity of fullerides with composition AnInxCyC ₆₀ (A=K,Rb,Cs; n=2,3) synthesized from gallams. 2014 , 507, 012026		1
566	Metallic and Mott insulating spin-frustrated antiferromagnetic states in ionic fullerene complexes with a two-dimensional hexagonal C ₆₀ ⁴⁻ packing motif. 2014 , 20, 7268-77		12
565	25th anniversary article: 25 years of fullerene research in electron transfer chemistry. 2014 , 26, 1482-93		105
564	The mechanism of blue photoluminescence from carbon nanodots. 2014 , 16, 4981-4986		45
563	Electron energy-loss spectroscopy: A versatile tool for the investigations of plasmonic excitations. 2014 , 195, 85-95		44

562	Disclinations in C60 molecular layers on WO ₂ /W(110) surfaces. <i>Physical Review B</i> , 2014 , 90,	3-3	8
561	Electron-Transfer Processes in Highly-Correlated Electron Systems of Thiazyl Radicals. 2014 , 87, 234-249		17
560	White-Light-Emitting Edge-Functionalized Graphene Quantum Dots. 2014 , 126, 5725-5729		40
559	Superconductivity of the Heterofullerides Synthesized from Gallams and Amalgams. 2014 , 568, 022026		1
558	(e,2e) and (I ₂ e) experiments on C60. 2014 , 488, 022018		
557	Radical spin interaction in one-dimensional chains of decamethyl C60. 2015 , 634, 129-133		
556	Light-Element Superconductors. 2015 , 1-15		
555	Superconducting Elements, Alloys, and Compounds. 2015 , 75-116		
554	Introduction. 2015 , 1-12		1
553	Exploring approximations to the GW self-energy ionic gradients. <i>Physical Review B</i> , 2015 , 91,	3-3	25
552	C60 superstructure and carbide formation on the Al-terminated Al ₉ Co ₂ (001) surface. <i>Physical Review B</i> , 2015 , 91,	3-3	6
551	Double-expansion impurity solver for multiorbital models with dynamically screened U and J. <i>Physical Review B</i> , 2015 , 92,	3-3	12
550	Ab initio downfolding for electron-phonon-coupled systems: Constrained density-functional perturbation theory. <i>Physical Review B</i> , 2015 , 92,	3-3	16
549	Momentum dependence of the superconducting gap and in-gap states in MgB ₂ multiband superconductor. <i>Physical Review B</i> , 2015 , 91,	3-3	16
548	Gigahertz Dielectric Polarization of Substitutional Single Niobium Atoms in Defective Graphitic Layers. 2015 , 115, 147601		85
547	Fundamentals. 2015 , 1-104		1
546	Structural Deformation of Sm@C ₈₈ under High Pressure. 2015 , 5, 13398		5
545	Synthesis and characterization of endohedral metallofulleride K(18-crown-6)[Ho@C ₈₂ (C 2v)]. 2015 , 64, 2473-2476		3

544 Brief History of Superconductivity. **2015**, 1-12

543 References. 572-624

542 Transport properties of alkali metal doped fullerides. **2015**,

541 Unified understanding of superconductivity and Mott transition in alkali-doped fullerides from first principles. **2015**, 1, e1500568 65

540 Intriguing structures and magic sizes of heavy noble metal nanoclusters around size 55 governed by relativistic effect and covalent bonding. **2015**, 143, 174302 3

539 The Effects of Alkaline-Earth Counterions on the Architectures, Band-Gap Energies, and Proton Transfer of Triazole-Based Coordination Polymers. **2015**, 2015, 2085-2091 7

538 . **2015**, 22

537 Electron spin relaxation of C60 monoanion in liquid solution: applicability of Kivelson-Orbach mechanism. **2015**, 119, 3200-8 4

536 Overview of Superconducting Materials with Tc Higher than 23 K. *Springer Series in Materials Science*, **2015**, 7-21 0.9 0

535 Broad family of carbon nanoallotropes: classification, chemistry, and applications of fullerenes, carbon dots, nanotubes, graphene, nanodiamonds, and combined superstructures. **2015**, 115, 4744-822 1137

534 Organic Semiconductors, Conductors, and Superconductors. **2015**, 1-22

533 Superconductivity in alkali-doped C60. **2015**, 514, 166-172 16

532 Direct detection of density of gap states in C60 single crystals by photoemission spectroscopy. *Physical Review B*, **2015**, 92, 3-3 14

531 Solvated fullerenes, a new class of carbon materials suitable for high-pressure studies: A review. **2015**, 84, 85-95 29

530 Semiconducting single crystals comprising segregated arrays of complexes of C60. **2015**, 137, 2392-9 50

529 A possible explanation of pressure dependence of critical temperature Tc of alkali doped C60 superconductors. **2015**, 29, 1550003

528 Fully electron-transferred donor/acceptor layered frameworks with TCNQ(2-). **2015**, 54, 1518-27 28

527 Synthesis and properties of SmO0.5F0.5BiS2 and enhancement in Tc in La1-ySmyO0.5F0.5BiS2. **2015**, 54, 1076-81 36

526	Electrical conductivity of reconstructed Si(111) surface with sodium-doped C60 layers. 2015 , 106, 011603		1
525	Role of encapsulated metal cation in the reactivity and regioselectivity of the C ₆₀ Diels-Alder reaction. 2015 , 119, 3098-106		30
524	Synthesis of fullerene nanowhiskers using the liquid-liquid interfacial precipitation method and their mechanical, electrical and superconducting properties. 2015 , 16, 013502		67
523	DFT, QAIM, and NBO Study of Adsorption of Rare Gases into and on the Surface of Sulfur-Doped, Single-Wall Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6502-6510	3.8	29
522	Molecular simulation for novel carbon buckyball materials. 2015 , 1, 1026638		3
521	Convex and Concave Encapsulation of Multiple Potassium Ions by Sumanenyl Anions. 2015 , 137, 9768-71		31
520	A correlation between ionization energies and critical temperatures in superconducting A ₃ C ₆₀ fullerides. 2015 , 513, 1-3		2
519	Exploration of new superconductors and functional materials, and fabrication of superconducting tapes and wires of iron pnictides. 2015 , 16, 033503		141
518	First-principles study of the pressure and crystal-structure dependences of the superconducting transition temperature in compressed sulfur hydrides. <i>Physical Review B</i> , 2015 , 91,	3.3	127
517	Influence of caged noble-gas atom on the superatomic and valence states of C ₆₀ □ <i>Molecular Physics</i> , 2015 , 113, 2964-2969	1.7	7
516	T C Dependence on Hubbard U in the Fullerenes. 2015 , 28, 315-317		3
515	Atomic Clusters: Opportunities in the Face of Challenges. 2015 , 6, 1549-52		15
514	Nano-Saturn: Theoretical design of new C ₆₀ inclusion compounds. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 06FF01	1.4	6
513	Electronic structures of three-dimensional C ₆₀ polymers studied by high-energy-resolution electron energy-loss spectroscopy based on transmission electron microscopy. 2015 , 626, 90-95		5
512	Superconductivity in the two-band Hubbard model. <i>Physical Review B</i> , 2015 , 91,	3.3	23
511	High Temperature Superconductivity from Strong Correlation. 2015 , 65, 5-8		2
510	Synthesis and study of hybrid hydrogen-bonded bent-core liquid crystal complexes containing C ₆₀ - and Si-based proton donors. 2015 , 5, 99732-99738		4
509	Ultraviolet photoelectron spectra of Ce ₂ @C ₈₀ and La ₂ @C ₈₀ . 2015 , 447, 71-75		11

508	Synthesis, electron transport properties of transition metal nitrides and applications. 2015 , 70, 50-154		89
507	SET-promoted photoaddition reactions of N- β -trimethylsilylmethyl-N,N-dibenzylamines with fullerene C ₆₀ . Electronic factors that govern photoaddition efficiencies. 2015 , 56, 3014-3018		12
506	Optical and magneto-optical properties of the electron-doped and hole-doped C ₈₂ crystal. 2015 , 457, 326-331		
505	High Temperature Superconductivity. <i>Springer Series in Materials Science</i> , 2015 ,	0.9	10
504	Strongly Correlated Systems. 2015 ,		6
503	Theory of Superconductivity in Graphite Intercalation Compounds. 2016 ,		1
502	Superconductivity in Iron Oxypnictide Induced by F-Doping. 2016 , 423-446		2
501	Exotic s-wave superconductivity in alkali-doped fullerides. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 153001	1.8	27
500	Review on Superconducting Materials. 2016 , 1-55		2
499	Thermal properties of defective fullerene. 2016 , 30, 1650194		2
498	The atomic structures and electronic properties of potassium-doped phenanthrene from a first-principles study. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 11566-11571	7.1	11
497	A new way to synthesize superconducting metal-intercalated C ₆₀ and FeSe. 2016 , 6, 18931		9
496	Raman evidence for nonadiabatic effects in optical phonon self-energies of transition metals. <i>Physical Review B</i> , 2016 , 94,	3.3	5
495	Micro/Nano Material-Based Biosensors. 2016 , 151-185		
494	Micro/Nano Cell and Molecular Sensors. 2016 ,		1
493	Non-equilibrium tunneling through Au ₂₀ Au molecular bridge using density functional theory/Non-equilibrium Green function approach. 2016 , 31, 2025-2034		22
492	A density functional reactivity theory (DFRT) based approach to understand the effect of symmetry of fullerenes on the kinetic, thermodynamic and structural aspects of carbon NanoBuds. 2016 , 472, 218-228		6
491	How many bound valence states does the C ₇₀ anion have?. 2016 , 18, 10840-5		10

- 490 Density functional investigation of CO and NO adsorption on TM-decorated C60 fullerene. **2016**, 383, 353-366 25
- 489 Electronic Properties of Fullerene-Based Materials. **2016**,
- 488 Phase evolution in mixture of cobalt and fullerene deposited from vapor. *Carbon*, **2016**, 103, 425-435 10.4 6
- 487 Doped Organic Transistors. **2016**, 116, 13714-13751 378
- 486 Ab Initio Study of Deformation Influence on the Electronic Properties of Graphene Structures Containing One-Dimensional Topological Defects. **2016**, 185, 712-716
- 485 Electrical Conductance of a Single 1,2-Ethanedithiol Molecular Junction Prepared in Ultrahigh Vacuum. **2016**, 45, 804-806
- 484 Magnetic Alignment of Fullerene Nanowhiskers. **2016**, 143-152 1
- 483 Metal-Ion-Incorporated Fullerene Nanowhiskers and Size-Tunable Nanosheets. **2016**, 81-94
- 482 Unconventional high-Tc superconductivity in fullerides. **2016**, 374, 25
- 481 Metallic conductivity versus charge disproportionation in C60 complexes with noninteger average charges on fullerene. **2016**, 1, 323-330 9
- 480 Nonlinear light-matter interaction at terahertz frequencies. **2016**, 8, 401 128
- 479 Effect of ultrathin C60 fullerene films on the surface conductivity of a Si(111) substrate with ordered adsorbate reconstructions. **2016**, 10, 864-867 1
- 478 The Bright Future for Electrode Materials of Energy Devices: Highly Conductive Porous Na-Embedded Carbon. **2016**, 16, 8029-8033 40
- 477 Effect of Ag Ion Insertion on Electron Transport through Au Ion Wires. **2016**, 45, 764-766 4
- 476 Electronic pair binding and Hund's rule violations in doped C60. *Physical Review B*, **2016**, 93, 3.3 8
- 475 High-pressure superconducting state in hydrogen. **2016**, 244, 1-6
- 474 Superconductivity in alkali-doped fullerene nanowhiskers. *Journal of Physics Condensed Matter*, **2016**, 28, 354003 1.8 6
- 473 Enhancing superconductivity in A3C60 fullerides. *Physical Review B*, **2016**, 94, 3.3 28

472	Single electron transfer promoted photoaddition reactions of β -trimethylsilyl substituted secondary N-alkylamines with fullerene C. 2016 , 14, 10502-10510		12
471	Nanocluster-Assembled Materials. 2016 , 113-148		2
470	Superconductivity in Ca-doped graphene laminates. 2016 , 6, 23254		87
469	Interaction between fullerene halves C _n (n \geq 40) and single wall carbon nanotube. 2016 ,		
468	Energetics of H ₂ O encapsulated in fullerenes under an electric field. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 04EP02	1.4	1
467	Carbon nano materials as gas sensors. 2016 , 3, 2483-2492		22
466	Theoretical study of graphite intercalated with water cyclic hexamers. <i>Carbon</i> , 2016 , 107, 332-337	10.4	3
465	Electrostatic properties of fullerenes under an external electric field: First-principles calculations of energetics for all IPR isomers from C ₆₀ to C ₇₈ . 2016 , 659, 1-5		8
464	Probaton of charge transport with chalcogens as linker group for C ₂₀ fullerene. 2016 , 3, 1304-1310		10
463	Recent progress on carbon-based superconductors. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 3340018	10.4	31
462	Emergence of superconductivity in doped glassy-carbon. <i>Carbon</i> , 2016 , 99, 585-590	10.4	23
461	Bottom-Up Synthesis of Metalated Carbyne. 2016 , 138, 1106-9		79
460	Solution-Processed Molecular Opto-Ferroic Crystals. 2016 , 28, 2441-2448		10
459	Single Electron Transfer-Promoted Photochemical Reactions of Secondary N-Trimethylsilylmethyl-N-benzylamines Leading to Aminomethylation of Fullerene C ₆₀ . 2016 , 81, 2460-73		20
458	The Renaissance of Fullerene Superconductivity. 2016 , 119-138		11
457	Possible light-induced superconductivity in K ₃ C ₆₀ at high temperature. <i>Nature</i> , 2016 , 530, 461-4	50.4	393
456	Multiscale and multicomponent layer by layer assembly of optical thin films triggered by electrochemical coupling reactions of N -alkylcarbazoles. 2016 , 27, 487-491		5
455	Mechanism for excitation-dependent photoluminescence from graphene quantum dots and other graphene oxide derivates: consensus, debates and challenges. 2016 , 8, 7794-807		290

454	Synthesis of Functionalized Fullerenes by Photoaddition of N- β -Trimethylsilyl-N-carboxymethyl-N-benzylamines to C ₆₀ . 2016 , 93, 202		6
453	Ground state magnetic response of two coupled dodecahedra. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 016001	1.8	1
452	Depressing thermal conductivity of fullerene by caging rare gas. 2016 , 441, 230-236		1
451	Search for New Superconductors: an Electro-Magnetic Phase Transition in an Iron Meteorite Inclusion at 117 K. 2017 , 30, 297-304		4
450	Nonempirical Calculation of Superconducting Transition Temperatures in Light-Element Superconductors. 2017 , 29, 1602421		18
449	B cluster stability, reactivity, and its planar structural precursor. 2017 , 9, 1805-1810		26
448	Ab-initio molecular characterization of nonclassical fullerenes cluster using two probe approach. 2017 , 32, 414-425		5
447	Positively and Negatively Charged Cesium and (C) Cs Cluster Ions. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10817-10823	3.8	8
446	Electronic and steric effects controlling efficiencies of photoaddition reactions of fullerene C ₆₀ with N- β -trimethylsilyl-N-alkyl-N-benzylamines. 2017 , 58, 949-954		6
445	Evidence of interface exchange magnetism in self-assembled cobalt-fullerene nanocomposites exposed to air. <i>Nanotechnology</i> , 2017 , 28, 125704	3.4	6
444	Interaction mechanisms and structural properties of MC ₁₉ (M = Si and Al) fullerenes with chlorophenylpiperazine isomers. 2017 , 231, 202-205		7
443	First-principles prediction on geometrical and electronic properties of K-doped chrysene. 2017 , 104, 56-61		11
442	Excellent performance of highly conductive porous Na-embedded carbon nanowalls for electric double-layer capacitors with a wide operating temperature range. 2017 , 5, 9090-9096		17
441	Optimized interaction parameters for metal-doped endohedral fullerene. 2017 , 7, 137-143		3
440	Redox-controlled potassium intercalation into two polyaromatic hydrocarbon solids. 2017 , 9, 644-652		25
439	Molecular Arrangement and Charge Transfer in C/Graphene Heterostructures. <i>ACS Nano</i> , 2017 , 11, 4686-4693	1.6	47
438	Polycyclic aromatic hydrocarbons: Synthesis successes. 2017 , 9, 608-609		4
437	Enzymatic catalysis: New functional twists for P450s. 2017 , 9, 609-611		13

436	Buckyball sandwiches. 2017 , 3, e1700176		38
435	Doping of metal-organic frameworks towards resistive sensing. 2017 , 7, 2439		34
434	50th Anniversary Perspective: Conducting/Semiconducting Conjugated Polymers. A Personal Perspective on the Past and the Future. 2017 , 50, 4867-4886		192
433	A comprehensive study of SHI irradiated fullerene C 60 thin films: Polymerization to amorphization. 2017 , 227, 93-99		2
432	High-T superconductivity in CsC compounds governed by local Cs-C Coulomb interactions. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 145602	1.8	5
431	Superconducting Continuous Graphene Fibers via Calcium Intercalation. <i>ACS Nano</i> , 2017 , 11, 4301-4306	16.7	35
430	Titanium dioxide nanotubes/polyhydroxyfullerene composites for formic acid photodegradation. 2017 , 412, 306-318		8
429	Quantitative first-principles calculations of valence and core excitation spectra of solid C. <i>Physical Review B</i> , 2017 , 95,	3.3	4
428	Ab Initio Investigation of Nonlinear Mode Coupling in C. 2017 , 8, 5543-5547		
427	Highly conductive Na-embedded carbon nanowalls for hole-transport-material-free perovskite solar cells without metal electrodes. 2017 , 5, 24126-24130		18
426	Electronic structure, physico-chemical, linear and non linear optical properties analysis of coronene, 6B-, 6N-, 3B3N- substituted C ₂₄ H ₁₂ using RHF, B3LYP and wB97XD methods. 2017 , 49, 1		20
425	High-Temperature Superconductors. 2017 , 1-1		6
424	The magnetic properties of C-Ni carbon-metal complexes. 2017 , 43, 625-630		1
423	Fullerene Black Modified Screen Printed Electrodes for the Quantification of Acetaminophen and Guanine. 2017 , 29, 2863-2872		10
422	Real-Time Observation of Phonon-Mediated π -Interband Scattering in MgB ₂ . 2017 , 119, 097002		9
421	SET-promoted photoaddition reactions of fullerene C 60 with tertiary N-trimethylsilylmethyl substituted β -aminonitriles. Approach to the synthesis of fulleropyrrolidine nitriles. 2017 , 73, 6249-6261		5
420	Fully Atomistic Understanding of the Electronic and Optical Properties of a Prototypical Doped Charge-Transfer Interface. <i>ACS Nano</i> , 2017 , 11, 10495-10508	16.7	14
419	Enhancing doping efficiency by improving host-dopant miscibility for fullerene-based n-type thermoelectrics. 2017 , 5, 21234-21241		56

418	Structural and electronic properties of XY-doped (AlN, AlP, GaN, GaP) C58 fullerenes: a DFT study. 2017 , 62, 1067-1076		5
417	Spontaneous Orbital-Selective Mott Transitions and the Jahn-Teller Metal of A ₃ C ₆₀ . 2017 , 118, 177002		24
416	A comparative ab initio study on structural evolution, stability and electronic properties of undoped and Al-doped GaxNy (x + y = 4-25 clusters. 2017 , 132, 1		2
415	The DFT-NEGF scrutiny of doped fullerene junctions. 2017 , 23, 221		8
414	Superconductivity-like phenomena in an ferrimagnetic endohedral fullerene with diluted magnetic surface. 2017 , 263, 31-37		24
413	Dimerization of Endohedral Fullerene in a Superatomic Crystal. 2017 , 23, 13305-13308		11
412	Single-crystal-to-single-crystal intercalation of a low-bandgap superatomic crystal. 2017 , 9, 1170-1174		44
411	Towards Rational Synthesis of Non-IPR Fullerenes Via Tandem Cyclodehydrofluorination of Fluoroarene-Based Precursors. 2017 , 254, 1700170		2
410	Quantum Chemical Study on Endohedral Heteronuclear Dimetallofullerene M1M2@Ih-C80 toward Molecular Design. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 27700-27708	3.8	3
409	Application of superhalogens in the design of organic superconductors. 2017 , 41, 14847-14850		7
408	Linear response formulism of a carbon nano-onion stringed to gold electrodes. 2017 , 123, 1		2
407	A Density Functional Theory Study on the Interaction Between 5-Fluorouracil Drug and C24 Fullerene. 2017 , 28, 2681-2692		14
406	Quantum Chemistry and Superconductors. 2017 , 74, 209-226		
405	Optical transitions and electronic interactions in self-assembled cobalt-fullerene mixture films. 2017 , 50, 485305		5
404	The electronic structure of negatively charged fullerenes: From monomers to dimers. 2017 ,		1
403	Capped carbon nanotubes with a number of ground state magnetization discontinuities increasing with their size. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 215803	1.8	1
402	To elucidate the conductive behaviour of transition metals (Mn, Fe, Co, Ni) doped C20 molecular device. 2017 ,		1
401	Preparation and tribology properties of water-soluble fullerene derivative nanoball. 2017 , 10, S870-S876		12

400	A C fullerene-based sheet with ultrahigh thermal conductivity. 2018 , 10, 6099-6104		6
399	Electrical Conductivity of Copper Hexamers Tuned by their Ground-State Valences. 2018 , 57, 3443-3450		9
398	Characterization of C ₂₀ fullerene and its isolated C ₂₀ - n Gen derivatives (n = 1-5) by alternating germanium atom(s) in equatorial position: A DFT survey. 2018 , 29, e21410		8
397	Ab initio scrutiny of endohedral C fullerenes implanted in between gold electrodes. 2018 , 24, 81		2
396	Induced Magnetic Field of Fullerenes: Role of π and σ Contributions to Spherical Aromatic, Nonaromatic, and Antiaromatic Character in C ₆₀ ^q (q = +10, 0, $\bar{6}$, $\bar{12}$), and Related Alkali-Metal Decorated Building Blocks, Li ₁₂ C ₆₀ and Na ₆ C ₆₀ . <i>Journal of Physical Chemistry C</i> , 2018 , 122, 9688-9698	3.8	15
395	Towards room-temperature superconductivity in low-dimensional C ₆₀ nanoarrays: An ab initio study. <i>Physical Review B</i> , 2018 , 97,	3.3	3
394	Penetrating probability and cross section of the Li-C encapsulation process through an ab initio molecular dynamics investigation. 2018 , 20, 7007-7013		1
393	Fullerene-Functionalized Monolayer-Protected Silver Clusters: [Ag(BDT)(C)] (n = 1-9). <i>ACS Nano</i> , 2018 , 12, 2415-2425	16.7	34
392	Topology-Based Approach to Predict Relative Stabilities of Charged and Functionalized Fullerenes. 2018 , 14, 1791-1810		16
391	Simulating the effect of boron doping in superconducting carbon. <i>Physical Review B</i> , 2018 , 97,	3.3	13
390	Electrochemical intercalation of fullerene and hydrofullerene with sodium. <i>Carbon</i> , 2018 , 130, 11-18	10.4	16
389	Photochromism into nanosystems: towards lighting up the future nanoworld. 2018 , 47, 1044-1097		373
388	Heteroatom doped photoluminescent carbon dots for sensitive detection of acetone in human fluids. 2018 , 266, 583-593		75
387	Dynamical Jahn-Teller effect of fullerene anions. <i>Physical Review B</i> , 2018 , 97,	3.3	11
386	Fullerene. 2018 , 299-319		
385	Fe@C nanocapsules with substitutional sulfur heteroatoms in graphitic shells for improving microwave absorption at gigahertz frequencies. <i>Carbon</i> , 2018 , 126, 372-381	10.4	89
384	Zero-temperature magnetic response of small fullerene molecules at the classical and full quantum limit. 2018 , 449, 55-62		2
383	Multi-interfacial Co@CoN _x @C(N) nanocapsules with nitrogen substitutions in graphitic shells for improving microwave absorption properties. 2018 , 736, 51-56		12

382	Photo-induced superconductivity. 2018 , 59, 31-46		53
381	Realizing Large-Area Arrays of Semiconducting Fullerene Nanostructures with Direct Laser Interference Patterning. 2018 , 18, 540-545		7
380	Tuning of the degree of charge transfer and the electronic properties in organic binary compounds by crystal engineering: a perspective. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1884-1902	7.1	110
379	Catalyst free, visible-light promoted photoaddition reactions between C60 and N-trimethylsilylmethyl-substituted tertiary amines for synthesis of aminomethyl-1,2-dihydrofullerenes. 2018 , 74, 383-391		8
378	Intercalation Compounds of Bilayer Graphene. <i>Springer Theses</i> , 2018 , 93-113	0.1	1
377	Heavy interstitial hydrogen doping into SrTiO. 2018 , 54, 12439-12442		7
376	Rational Synthesis of Fullerenes. 2018 ,		
375	Microwave Absorption Properties of Polyaniline/Titanium Dioxide (PAni/TiO ₂) Doped with Different Types of Fullerenes. 2018 , 382, 1800089		1
374	Introduction to Carbon Structures. 2018 , 1-14		
373	Introduction to Nanotechnology. 2018 , 1-17		1
372	Superconductivity at 3.5 K and/or 7.2 K in potassium-doped triphenylbismuth. 2018 , 149, 144502		15
371	Electronic Properties of Air-Sensitive Nanomaterials Probed with Microwave Impedance Measurements. 2018 , 255, 1800250		1
370	Superconductivity and phase stability of potassium-doped biphenyl. 2018 , 20, 25217-25223		22
369	Optical properties of superconductor-graphene-superconductor junction. 2018 , 554, 19-26		5
368	Rapid Sonochemical Synthesis of an Intercalated Superconductor. 2018 , 3, 5652-5659		1
367	Crystal Orbital Study on one-dimensional graphyne and its BN-substituted derivatives. 2018 , 265, 402-410		4
366	Phosphorescence Resulting from Interaction between Two Non-equivalent Metals on a Helical Conjugated Surface. 2018 , 13, 1902		4
365	Crystalline functionalized endohedral C metallofullerides. <i>Nature Communications</i> , 2018 , 9, 3073	17.4	17

- 364 Remarkable nonlinear optical response of alkali metal doped aluminum phosphide and boron phosphide nanoclusters. **2018**, 271, 51-64 57
- 363 Vapor-Phase Growth and Structural Characterization of Single Crystals of Magnesium Doped Two-Dimensional Fullerene Polymer Mg₂C₆₀. **2018**, 18, 3877-3882 2
- 362 Bound electronic states of the smallest fullerene C anion. **2018**, 20, 17434-17441 7
- 361 Improved microwave absorption properties by atomic-scale substitutions. *Carbon*, **2018**, 139, 181-188 10.4 39
- 360 Electronic and magnetic properties of Fe₂Sin (1 ≤ n ≤ 2)+/0/− clusters. **2018**, 706, 113-119 6
- 359 Tunable dielectric response and electronic conductivity of potassium-ion-doped tunnel-structured manganese oxides. **2018**, 123, 214101 5
- 358 Hydrogenated C₆₀ as High-Capacity Stable Anode Materials for Li Ion Batteries. **2019**, 2, 6453-6460 14
- 357 Lattice deformation on flat-band modulation in 3D Hopf-linked carbon allotrope: Hopfene. **2019**, 115, 083102 3
- 356 Fullerene mixtures as negative electrodes in innovative Na-ion batteries. **2019**, 731, 136607 6
- 355 Discovery of Superconductivity in Potassium-Doped Tri-p-tolylbismuthine. *Journal of Physical Chemistry C*, **2019**, 123, 19105-19111 3.8 6
- 354 Chemical reduction of Li⁺@C₆₀ by decamethylferrocene to produce neutral Li⁺@C₆₀ *Carbon*, **2019**, 153, 467-471 10.4 7
- 353 Stepwise Reduction of Azapentabenzocorannulene. **2019**, 58, 12107-12111 21
- 352 Metallization and superconductivity in potassium-doped methane. **2019**, 30, 1950061 8
- 351 BCS-BEC crossover and superconductor-insulator transition in Hopf-linked Graphene layers: Hopfene. **2019**, 6, 106004 2
- 350 Effects Of Heat-Conduction Dry Needling Therapy On TRPV1 Channel In Rats. **2019**, 12, 2865-2874
- 349 Molecular Structure and Magnetic and Optical Properties of Endometallonitridofullerene Sc N@I -C in Neutral, Radical Anion, and Dimeric Anionic Forms. **2019**, 25, 14858-14869 9
- 348 Stepwise Reduction of Azapentabenzocorannulene. **2019**, 131, 12235-12239 10
- 347 The nano-revolution spawned by carbon. *Nature*, **2019**, 575, 49-50 50.4 11

346	Low-temperature specific heat of superconductors II: Progress in the new era. 2019 , 61, 212-226		
345	Photoaddition reactions of azomethine ylides generated from β -aminonitriles to fullerene C ₆₀ : Formation of fulleropyrrolidines and reaction efficiencies changes depending on reaction conditions. 2019 , 60, 151208		1
344	High-Tc fullerides. 2019 , 561, 13-17		3
343	Negatively charged singly-bonded dimers of C ₁ -[C ₇₀ (CF ₃) ₁₀] and bare C ₇₀ fullerene. 2019 , 43, 2726-2733		6
342	Tailorable graphene-based superconducting films via self-assembly and in-situ doping. <i>Carbon</i> , 2019 , 152, 527-531	10.4	2
341	Unconventional orbital ordering and emergent dimensional reduction in fulleride superconductors. <i>Physical Review B</i> , 2019 , 99,	3.3	3
340	x Nanocapsules for Microwave Absorption at Gigahertz Frequency. 2019 , 2, 3648-3653		11
339	Ultralight and high-elastic carbon foam with hollow framework for dynamically tunable electromagnetic interference shielding at gigahertz frequency. <i>Carbon</i> , 2019 , 153, 330-336	10.4	32
338	Applications of 3D Potassium-Ion Pre-Intercalated Graphene for Perovskite and Dye-Sensitized Solar Cells. 2019 ,		10
337	Two-dimensional ground-state mapping of a Mott-Hubbard system in a flexible field-effect device. 2019 , 5, eaav7282		13
336	Superconductivity of light-metal hydrides. 2019 , 66, 1246-1256		5
335	Structural and electronic properties of the overexpanded quaternary superconducting fulleride K _{0.25} Rb _{0.25} Cs _{2.5} C ₆₀ . 2019 , 131, 44-49		4
334	Superconductivity and Its Enhancement in Polycyclic Aromatic Hydrocarbons. 2019 , 7,		8
333	Electronic Communication between S=1/2 Spins in Negatively-charged Double-caged Fullerene C Derivative Bonded by Two Single Bonds and Pyrrolizidine Bridge. 2019 , 14, 1958-1964		4
332	Geometric and electronic properties of MnC ₆₀ ^{-1,0} (M = Li, Na, K, n = 1-12) clusters. 2019 , 6, 065605		
331	Graphite and Intercalated Compound Superconductors: Atomic and Electronic Structures. 2019 , 1-28		
330	Electronic and Geometric Structures of Cluster Encapsulated Fullerenes. 2019 , 121-147		1
329	. 2019 , 55, 1-30		75

328	Synthesis of the extended phenacene molecules, [10]phenacene and [11]phenacene, and their performance in a field-effect transistor. 2019 , 9, 4009		14
327	Effective field study of the magnetism and superconductivity in idealised Ising-type X@Y60 endohedral fullerene system. 2019 , 99, 1669-1693		6
326	Structure, charge transfer, and superconductivity of M-doped phenanthrene (M = Al, Ga, and In): A comparative study of K-doped cases. 2019 , 62, 1		4
325	Fe@Graphite nanocapsules with atomic-scale substitutional oxygen in graphitic shells for improving gigahertz dielectric losses and microwave absorption properties. 2019 , 792, 291-296		2
324	Kerr Nonlinearity in 2D Graphdiyne for Passive Photonic Diodes. 2019 , 31, e1807981		136
323	Low-temperature mechanical properties of fullerites: structure, elasticity, plasticity, strength. 2019 , 45, 1-38		6
322	Structural distortions of fullerene C ₆₀ n (n = 0 to 8) by first principle density functional theory. 2019 , 1184, 546-556		1
321	Symmetry Breaking States in the Half-Filled Two-Orbital Hubbard Model with Crystalline Electric Field. 2019 , 88, 024702		0
320	Probing Phase Separation and Local Lattice Distortions in Cuprates by Raman Spectroscopy. 2019 , 4, 87		1
319	Theoretical phase diagram of unconventional alkali-doped fullerides. <i>Physical Review B</i> , 2019 , 100, 3-3	3-3	3
318	Pressure-Induced Polymerization of Monosodium Acetylide: A Radical Reaction Initiated Topochemically. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 30746-30753	3.8	8
317	C3-C3' and C6-C6' Oxidative Couplings of Carbazoles. 2019 , 25, 1142-1151		15
316	Review of the Selected Carbon-Based Materials for Symmetric Supercapacitor Application. 2019 , 48, 717-744		29
315	Position-selective solution phase growth of fullerene crystals. <i>Carbon</i> , 2019 , 145, 31-37	10.4	2
314	Photochemical Approach for the Preparation of N-Alkyl/Aryl Substituted Fulleropyrrolidines: Photoaddition Reactions of Silyl Group Containing β -Aminonitriles with Fullerene C. 2019 , 84, 1407-1420		8
313	Formation of boron nitride islands in the graphene nanoflakes: A DFT study. 2019 , 223, 164-170		1
312	Local reactivity through Fukui function on endohedral mono-metallofullerenes. 2019 , 105, 186-195		6
311	Coexistence of Metal Phthalocyanine and Fullerene C ₆₀ Anions in Mixed {cryptand[2.2.2](Na ⁺) _x (MPC) _z -1-(C ₆₀) _z } _z Salts (M = Co, V, VO, x = 2 and 1.5). 2020 , 2020, 208-215		2

310	Oxygen-sulfur Co-substitutional Fe@C nanocapsules for improving microwave absorption properties. 2020 , 65, 623-630			40
309	Superconductivity in alkali-doped fullerides with woodpile metal and heterofullerides with two different alkali metals A(1)A(2)MC60. 2020 , 28, 168-172			2
308	Signatures of Filamentary Superconductivity up to 94 K in Tungsten Oxide WO _{2.90} . 2020 , 33, 301-306			11
307	Recent progress in theoretical and experimental studies of metal-doped silicon clusters: Trend among elements of periodic table. 2020 , 403, 213095			10
306	High Yield Organic Superconductors via Solution-Phase Alkali Metal Doping at Room Temperature. 2020 , 20, 612-617			2
305	Intermolecular Resonance Correlates Electron Pairs Down a Supermolecular Chain: Antiferromagnetism in K-Doped -Terphenyl. 2020 , 142, 20624-20630			3
304	Experimental observation of Dirac cones in artificial graphene lattices. <i>Physical Review B</i> , 2020 , 102,	3-3		0
303	Entropy and specific heat of the infinite-dimensional three-orbital Hubbard model. <i>Physical Review B</i> , 2020 , 102,	3-3		3
302	Controlling the Charge Transfer Mechanism and Efficiency by Means of Different C70 Regioisomeric Adducts. 2020 , 1, 2000012			
301	Crystal Structure and Stoichiometric Composition of Potassium-Intercalated Tetracene. 2020 , 59, 12545-12551			
300	Endohedrally Doped Cage Clusters. 2020 , 120, 9021-9163			76
299	Compensated Ferrimagnetism and Half-Metallic Behavior in Potassium (K) Intercalated Naphthalene. 2020 , 257, 2000398			2
298	Effects of Pair-Hopping Coupling on Properties of Multi-Band Iron-Based Superconductors. 2020 , 8,			2
297	Simple annealing process for producing unique one-dimensional fullerene crystal named fullerene finned-micropillar. 2020 , 10, 19270			3
296	Structures, electronic properties, and superconductivities of alkaline-earth metal-doped phenanthrene and charge transfer characteristics of metal-doped phenanthrene. 2020 , 22, 23847-23855			2
295	Tuning Conductivity and Spin Dynamics in Few-Layer Graphene via In Situ Potassium Exposure. 2020 , 257, 2000368			1
294	Direct Observation of Full-Gap Superconductivity and Pseudogap in Two-Dimensional Fullerides. 2020 , 124, 187001			7
293	Semiconducting ternary Si clathrates. <i>Japanese Journal of Applied Physics</i> , 2020 , 59, SF0804	1.4		1

292	Electronic and Crystallographic Examinations of the Homoepitaxially Grown Rubrene Single Crystals. <i>Materials</i> , 2020 , 13,	3.5	6
291	Theoretical investigation of structural and electronic properties of (hbox {C}_{20}hbox {Li}) nanowire. 2020 , 135, 1		
290	Photoelectron spectroscopy on single crystals of organic semiconductors: experimental electronic band structure for optoelectronic properties. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9090-9132	7.1	24
289	Superconductivity in sodium-doped T-carbon. <i>Physical Review B</i> , 2020 , 101,	3.3	7
288	Superconductivity in Sm-doped 1,3,5-triphenylbenzene. <i>Physical Review B</i> , 2020 , 101,	3.3	0
287	Radical anion and coordination compounds of polyconjugated molecules: potential organic materials with unusual magnetic, conducting and optical properties. 2020 , 30, 249-261		5
286	Enhanced high-frequency microwave absorption in core-shell nanocapsules with atomic-scale oxygen substitutions. 2020 , 127, 195107		5
285	Electron correlation effects in isomers of C ₂₀ . 2020 , 3, 025006		3
284	High-order harmonic generation in solid C ₆₀ . <i>Physical Review B</i> , 2020 , 101,	3.3	1
283	Microcontroller design for solution-phase molecular deposition in vacuum via a pulsed-solenoid valve. 2020 , 38, 022413		3
282	Decacyclene Radical Anions Showing Strong Low-energy Intramolecular Absorption and Magnetic Coupling of Spins in a Hexagonal Network. 2020 , 15, 2689-2695		2
281	Fullerene (C ₆₀) Nanowires: The Preparation, Characterization, and Potential Applications. 2020 , 3, 469-491		9
280	Visualizing molecular orientational ordering and electronic structure in C _{sn} C ₆₀ fulleride films. <i>Physical Review B</i> , 2020 , 101,	3.3	7
279	Quenching induced enhancement of coupling between the molecule reorientation and grain boundary relaxation in polycrystalline C ₆₀ . 2020 , 535, 110784		
278	Reactivity of Cobalt-Fullerene Complexes towards Deuterium. 2020 , 21, 1012-1018		3
277	Enhanced Anharmonic Oscillations in Cu _{0.5} Tl _{0.5} Ba ₂ (Ca ₂ Mgy)Cu ₃ CdxO ₁₀ (y = 0, 1; x = 0, 1.5) Superconductors. 2020 , 49, 2302-2309		2
276	Spectroscopic Studies of Charge-Transfer Character and Photoresponses of F4TCNQ-Based Donor-Acceptor Complexes. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 9191-9202	3.8	5
275	Electromagnetic wave absorption performance of Ti ₂ O ₃ and vacancy enhancement effective bandwidth. 2021 , 76, 166-173		12

274	Electronic and structural properties of 3D Hopf-linked carbon allotrope: Hopfene. 2021 , 101, 12-20		
273	Superconductivity of potassium and rubidium heterofullerides modified with low-melting alloys. 2021 , 47, 51-54		
272	Synthesis and superconductivity of organometallic fullerides $M(3B)(NR_4)_nC_{60}$, where $M = K, Rb$; $R = H, D, Me, Et, Bu$; $n = 1, 2, 3$. 2021 , 47, 39-50		
271	Chapter 9: Clusters of Fullerenes. 2021 , 197-230		
270	Emerging field of few-layered intercalated 2D materials. 2021 , 3, 963-982		6
269	Evidence for metastable photo-induced superconductivity in K_3C_{60} . 2021 , 17, 611-618		22
268	Chemistry in Superconductors. 2021 , 121, 2966-2991		7
267	Nonlinear Propagation of Electrostatic Waves in Alkali-Fullerene Plasmas. 2021 , 47, 298-305		
266	Structural and electronic properties of C fullerene network self-assembled on metal-covered semiconductor surfaces. 2021 , 154, 104703		1
265	The antiferromagnetic $S=1/2$ Heisenberg model on the C_{60} fullerene geometry. 2021 , 10,		1
264	Superconducting Chevrel phase $PbMo_6S_8$ from first principles. <i>Physical Review B</i> , 2021 , 103,	3-3	3
263	Superatomic solid solutions. 2021 , 13, 607-613		4
262	Magnetoacoustic solitons in Alkali-fullerene plasmas. 1		
261	Structural and Magnetic Properties of Potassium-Doped 2,3-Dimethylnaphthalene. 2021 , 11, 608		1
260	Deep-red circularly polarised luminescent C derivatives. 2021 , 11, 12072		1
259	Highly efficient electromagnetic absorption on ZnN_4 -based MOFs-derived carbon composites. <i>Carbon</i> , 2021 , 177, 44-51	10.4	12
258	Spin-orbital model for fullerides. <i>Physical Review B</i> , 2021 , 103,	3-3	0
257	Pressure-Induced Donor-Acceptor Charge Transfer in a Fullerene Molecular Complex with Ferrocene. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 16576-16582	3.8	0

256	A Chemiluminescent Tetraaryl Diborane(4) Tetraanion. 2021 , 60, 19397-19405	6
255	X-ray absorption near edge spectroscopy of the electronic structure of potassium adsorbed single walled carbon nanotubes. <i>Physica Scripta</i> , 2021 , 96, 105803	2.6
254	Modern History of Organic Conductors: An Overview. 2021 , 11, 838	3
253	A Chemiluminescent Tetraaryl Diborane(4) Tetraanion. 2021 , 133, 19546-19554	1
252	Optical response of laser-driven charge-transfer complex described by Holstein-Hubbard model coupled to heat baths: Hierarchical equations of motion approach. 2021 , 155, 064106	3
251	Unconventional pairing from local orbital fluctuations in strongly correlated A3C60. <i>Physical Review B</i> , 2021 , 104,	3.3 0
250	Preparation and superconducting behavior of triammonium fulleride. <i>Carbon</i> , 2021 , 182, 51-56	10.4 0
249	Possible high-T C superconductivity at 50 GPa in sodium hydride with clathrate structure. 2021 , 23, 093007	0
248	Phonon-Mediated Low-Pressure Superconductivity in Ternary Hydride Ba ₁₀ H ₄ . 2021 , 3, 4172-4179	0
247	Isostructural Charge-Transfer Cocrystals Based on Triptycene End-Capped Quinoxalinophenanthrophenazine. 2021 , 21, 1329-1341	3
246	Carbon.	2
245	Strong Correlations and Electron-Phonon Interaction in Superconductors. 2000 , 211-229	1
244	Clusters. 2006 , 589-606	1
243	Structural, Mechanical, and Superconducting Properties of Clathrates. 2010 , 171-206	6
242	Exotic Carbon Phases: Structure and Properties. 2010 , 207-240	1
241	Nanotechnology in Carbon Materials. 1999 , 285-329	7
240	Electron Pair Transfer in A3C60. 1993 , 227-231	5
239	Superconducting Intercalation Compounds of C60 and Graphite. 1993 , 31-61	3

238	Characterization of K-Doped C60 using Positrons. 1993 , 261-264	1
237	Alkali Metal Compounds of C60: An Intercalation Perspective. 1993 , 73-92	3
236	Micelles and Foams: 2-D Manifolds Arising from Local Interactions. 1993 , 315-329	2
235	Studies of Non-ideal Superconductors using Dc Magnetic Methods. 1991 , 157-176	3
234	Dictionary of Inorganic Compounds. 1992 , 1-1208	18
233	Photoemission Studies of Graphene on SiC: Growth, Interface, and Electronic Structure. 2008 , 159-170	21
232	Jahn-Teller Effects in Molecules on Surfaces with Specific Application to C60. 2009 , 517-551	6
231	Polarons and Bipolarons in Jahn-Teller Crystals. 2009 , 841-871	2
230	Organic Superconductors. 2004 , 453-554	16
229	Fullerenes and Beyond: Complexity, Morphology, and Functionality in Closed Carbon Nanostructures. 2013 , 83-104	1
228	Theoretical Insights into Fullerenes Adsorbed on Surfaces: Comparison with STM Studies. 2000 , 113-142	1
227	Physics of Clusters and Cluster Assemblies. 1999 , 27-53	5
226	Across the Periodic Table. 1994 , 253-418	1
225	Some Consequences of Anisotropy. 1992 , 339-345	2
224	Photophysics of Fullerenes: C60 and C70. <i>Springer Proceedings in Physics</i> , 1992 , 284-288	0.2 6
223	Temperature- and Doping-Induced Phase Transitions in C60. 1993 , 466-470	1
222	Superconducting Properties of Fullerenes Doped with Binary Thallium Alloys. 1993 , 475-481	3
221	X-Ray Absorption Study of Iodine-Doped C60. 1993 , 492-496	1

220	Fullerene Field-Effect Transistors. 1993 , 512-515		8
219	Structure and Dynamics of C60 and C70. 1993 , 139-145		3
218	Stability of the Fulleride Phase K1C60 as Observed from Raman Spectroscopy. 1993 , 273-276		1
217	Fullerene-Doped Conducting Polymers: Effects of Enhanced Photoconductivity and Quenched Photoluminescence. 1993 , 286-291		2
216	NMR Investigation of K3C60 Under Pressure. 1993 , 334-338		1
215	Magnetic Investigations of Superconducting Fullerenes. 1993 , 387-394		1
214	Buried K-Fullerides by Ion Implantation. 1993 , 52-55		5
213	Fundamental Properties of Fullerenes. <i>Springer Series in Materials Science</i> , 2000 , 1-67	0.9	2
212	Supramolecular Photophysics and Photovoltaic Devices of Fullerene-Conjugated Polymer Composites. <i>Springer Series in Materials Science</i> , 2000 , 101-143	0.9	2
211	Muon Spin Relaxation Studies of Unconventional Superconductors: First-Order Behavior and Comparable Spin-Charge Energy Scales. 2015 , 237-267		1
210	Preparation and Superconductivity of New Silicon Clathrate Compounds. 1996 , 419-424		1
209	Development of Superconductors based on C60. <i>Springer Proceedings in Physics</i> , 1996 , 172-185	0.2	2
208	Radicals on Surfaces Formed by Ionizing Radiation. 1995 , 179-199		3
207	How Does Nuclear Magnetic Resonance Probe Molecular Dynamics?. 1994 , 1-26		1
206	Intercalation Compounds of Fullerenes II: Structure and Superconductivity of Alkali Metal Fullerides. <i>Physics and Chemistry of Materials With Low-dimensional Structures</i> , 2000 , 67-133		1
205	Experimental Studies of the Electronic Structure of Fullerenes. <i>Physics and Chemistry of Materials With Low-dimensional Structures</i> , 2000 , 135-173		1
204	Redox Chemistry of Metal Ion Complexes: Preparation of New Materials. 1994 , 115-131		2
203	Metal Atoms on Fullerene Molecules. 1996 , 215-232		3

202	Fullerenes in Polymers: Nonlinear Optical, Photoconductive, and Mechanical Properties. 1996 , 329-356		0
201	STRUCTURES OF C60 INTERCALATION COMPOUNDS. 1993 , 203-220		1
200	Nanostructured actinide compounds: an introduction. 2007 , 443-456		1
199	C20 fullerene and its boron- and nitrogen-doped counterparts as an efficient catalyst for CO oxidation. <i>Molecular Physics</i> , 2020 , 118, e1766708	1.7	3
198	The charge state of C60(buckminsterfullerene) molecules adsorbed on a metal surface: theoretical considerations. <i>Physica Scripta</i> , 1992 , T42, 207-213	2.6	21
197	Topological carbon allotropes: knotted molecules, carbon-nano-chain, chainmails, and Hopfene. 2020 , 7, 056301		2
196	High-resolution studies of C 60 films by scanning tunnelling microscopy. 1994 , 346, 307-320		6
195	Adsorbed or intercalated: Na on graphene/Ir(111). 2017 , 1,		10
194	Dynamic superconductivity responses in photoexcited optical conductivity and Nernst effect. 2019 , 3,		11
193	Low-pressure superconductivity in lithium-doped methane predicted by first principles. 2021 , 32, 2150032		1
192	Pulsed Photoconductivity of Undoped Solid C60with an Anomaly at Phase Transition. 1992 , 61, 4279-4282		12
191	Anomalies in the Pulsed Photoconductivity of Undoped C60and Their Relationship to Phase Transitions. 1995 , 64, 527-532		8
190	The Third Form of Carbon A New Era in Chemistry. 1992 , 17, 161-170		18
189	Thermodynamic Properties of the Superconducting State in the K3C60Fulleride. 2009 , 116, 1053-1058		5
188	Heat resistance of carbon nanooonions by molecular dynamics simulation. 2011 , 4, 247-255		4
187	A simple mechanism for unconventional superconductivity in a repulsive fermion model. 2019 , 6,		4
186	New high-temperature superconductors based on rare earth and transition metal oxyarsenides and related phases: synthesis, properties and simulation. 2008 , 178, 1273		23
185	Impurities in multiband superconductors. 2016 , 186, 1315-1347		2

- 184 Structure and Energetics of (C₆₀)₂₂+Conformers: Quantum Chemical Studies. **2010**, 31, 457-460 2
- 183 Searching superconductivity in potassium-doped p-terphenyl. *Wuli Xuebao/Acta Physica Sinica*, **2016**, 65, 077402 0.6 13
- 182 Electronic Modification of C₆₀ Monolayers via Metal Substrates. *Japanese Journal of Applied Physics*, **2011**, 50, 08LB06 1.4 5
- 181 Self-Assembled Fullerene Nanostructures: Synthesis and Applications. 2106924 9
- 180 Positron Annihilation in Fullerenes. **2000**, 3-15
- 179 Advances in Structural Crystallography. **2000**, 400-491
- 178 Superconductivity of Fullerene Conducting Polymer Composites Doped by Alkali Metals. *Springer Series in Materials Science*, **2000**, 333-368 0.9
- 177 Adsorption of Fullerenes on Semiconductor and Metal Surfaces Investigated by Field-Ion Scanning Tunneling Microscopy. **2000**, 283-338
- 176 Amorphe Festkörper; Flüssigkeiten, Flüssigkristalle und Cluster. *Springer-Lehrbuch*, **2000**, 491-514 0.4
- 175 Elastic Properties of Fullerenes. **2001**, 163-171
- 174 Fulleride Superconductors. **2001**, 3383-3386
- 173 Antiferromagnetic coupling between the conduction electrons and the 4f electrons in Eu@C₆₀. *Springer Proceedings in Physics*, **2001**, 43-44 0.2
- 172 Imperfect Fullerene Molecules. An Ab Initio Study. **2002**, 247-250
- 171 A Novel Network Structure of Organometallic Clusters in Gas Phase. **2002**, 173-190
- 170 Role of Orbital Degree of Freedom in Photoemission Spectra of Alkali-Metal-Doped C₆₀. **2002**, 71, 205-207
- 169 ??????????????. **2002**, 70, 283-287
- 168 Photochemical Reaction of Fullerenes and Fullerene Derivatives. **2003**,
- 167 Heterometallic Fullerides of Transition Metals with the Composition K₂MC₆₀. **2004**, 185-192

166 Nanochemistry - Pages 215-246. **2006**, 215-246

165 Fullerenes and Their Derivatives. **2006**, 1-39

164 Theoretical Study on Frenkel Excitons in Mott-Jahn-Teller Insulator A_4C_60 . **2006**, 75, 084709

163 Drude Weight of Three-Band Hubbard Model for A_xC_60 Compounds. **2008**, 77, 043708

162 Mg-doping into boron icosahedral cluster solids, targeting high temperature superconductivity. **2008**, 33, 303-306

161 Electronic Functions of Fullerenes: Fundamentals and Applications. **2009**, 82, 522-527

160 Growth and Characterization of C_60 /GaAs Interfaces and C_60 doped GaAs. **2010**, 31, 632-636

159 Carbon Nanostructures: Bucky Balls and Nanotubes. 53-95

158 Long-term Growth Investigation of C_60 Fullerene Nanowhiskers. **2011**, 36, 345-348

157 Epitaxial Graphene: A New Material. 453-472

156 Density functional study on the geometric property of Mn_xSn_y ($x=2,3,4$; $y=18,24,30$). *Wuli Xuebao/Acta Physica Sinica*, **2012**, 61, 083601 0.6

155 Properties of Materials with Regulated Nano Spaces. **2012**, 22, 3-8 1

154 Structural Phase Transitions of Zintl-Phase Silicide $BaSi_2$ and Formation of Si Clathrate Ba_8Si_{46} at High Pressures and High Temperatures. **2012**, 22, 17-25 1

153 Nonlinear Raman Scattering Spectroscopy for Carbon Nanomaterials. **2012**, 99-118

152 Organic Superconductors. 101-105

151 Photo-Control of Magnetic Materials Utilizing Photochromic Compounds. **2013**, 117-133

150 Supraleitende Elemente, Legierungen und Verbindungen. 77-118

149 Fullerenes: Topology and Structure. **2014**, 1529-1542

148 Fullerenes and Carbon Nanotubes. **2014**, 1493-1501

147 Pressure Dependence of the Superconducting Transition Temperature of Rb₃C₆₀ up to 20 kbar. **1991**, 485-488

146 A New Type of Molecular Superconductor Based on C₆₀ Doped with Cesium and Rubidium. **1992**, 203-206

145 Determination of some C₆₀ electronic properties. Application to the cohesive energy in C₆₀ ionic compounds. **1992**, 3, 287-293

144 Fullerene and Fulleride Films. **1992**, 1213-1220

143 Preparation and Properties of Alkali-Fulleride Superconductors. **1992**, 207-210

142 Superconductivity of Graphite Intercalation Compounds. *Springer Series in Materials Science*, **1992**, 163-184 1

141 Anisotropic Properties of Layered Superconductors. **1992**, 347-352

140 Dynamics of Carbon Clusters: Buckminsterfullerene. **1992**, 87-96

139 Electronic Structures of Fullerenes and Fullerides. *Springer Proceedings in Physics*, **1992**, 22-26 0.2

138 THEORETICAL PREDICTION OF NOVEL MOLECULAR SOLIDS FORMED AT HIGH PRESSURE. **1992**, 209-216

137 Broadening and Anomalous Infrared Activity of the Hg-Derived Phonons in the Metallic Fullerides. **1993**, 406-410

136 Relation Between Transition Temperature, London Penetration Depth and Kosterlitz-Thouless Behavior in Superconductors. **1993**, 375-384

135 Some Optical Properties of Fullerenes. **1993**, 223-226

134 Electronic Structure Studies of Fullerites and Fullerides. **1993**, 482-491

133 Electron Energy-Loss Studies on Rb- and Ca-Doped Fullerenes. **1993**, 105-109

132 Electronic Structure of Alkaline-Earth Fullerides. **1993**, 119-125

131 ¹³C Nuclear Relaxation in the Normal State of the K₃C₆₀ Superconductor. **1993**, 323-329

130 C60 Interaction with GaAs and Bi. **1993**, 233-238

129 Electron Correlations and Electron-Lattice Coupling in C60. **1993**, 209-217

128 Electronic Structure of Alkali-Metal Doped C60: Dependence of the Fermi-Level Densities of States on the Lattice Parameter. **1993**, 520-523

127 Carbon 60. **1993**, 425-432

126 The Third Form of Carbon. **1993**, 99-119

125 Langmuir-Blodgett Films of C60: Structure of Pure Films and Their Superconductivity After Exposure to Potassium Vapor. **1993**, 411-417

124 The Electrodynamic Response in Superconducting Fullerenes. **1993**, 395-400

123 Alkaline Metals Doping into C60 Thin Films. **1993**, 311-314

122 Properties of Alkali-Fulleride Superconductors RbxC60. **1993**, 307-310

121 A Phase Transformation in Zr_{1-x}Sc_xB₁₂. **1993**, 357-360

120 Superconductivity and ESR in Cesium-Doped C60. **1993**, 265-268

119 Orientational Order in A3C60: Effects on Valence Bands and Infrared Optical Spectra. **1993**, 211-218

118 High-Resolution Electron Energy Loss Spectroscopy of Thin C60 Films. **1993**, 516-519

117 Magnetic Properties of Halogen Doped C60. **1993**, 269-272

116 Carbon Clusters: The Synergism Between Theory and Experiment. **1993**, 23-31

2

115 Electronic and Structural Properties of Caged Metal Clusters. **1994**, 371-380

114 The Use of Polyoxometalates in Charge Transfer Salts. **1994**, 245-254

1

113 ENVIRONMENTAL EFFECTS ON OPTICAL LIMITING PROPERTY OF C60. **1994**, 671-673

- 112 Fullerenes. **1994**, 333-352
- 111 Stabilization of Rb₃C₆₀ Superconducting Film in Air. **1994**, 969-972
- 110 High-Energy Spectroscopic Studies of Fullerene and Cuprate Superconductors. **1994**, 493-520
- 109 Alkali Metal Fullerides: Structural and electronic properties in comparison with previous classes of molecular conductors. **1994**, 245-262 1
- 108 Carbon Group (Group 14). **1994**, 228-276
- 107 Solid State Properties of the C₇₀ Fullerene. **1994**, 203-222
- 106 Carbon Clusters and Carbon Polymers: Advanced Materials with Exciting Properties. **1994**, 355-368
- 105 Positron states in MxC₆₀ (M: alkali or alkaline-earth). **1994**, 389-392
- 104 References. **1995**, 549-590
- 103 Superconductivity in fullerenes: buckyballs. **1995**, 172-177
- 102 Computer Simulation of Materials Using Parallel Architectures. **1995**, 87-123
- 101 Electrochemical Properties of Fullerenes and Fullerene Derivatives: A Possible Route to Endohedral Complexes. **1995**, 199-213
- 100 Electronic structure and properties of designer clusters and cluster-assemblies. **1995**, 68-72
- 99 Advances in Structural Crystallography. **1995**, 400-491
- 98 Synthesis of C₆₀ atomic clusters and magnetization studies of superconducting Rb₃C₆₀. **1995**, 178-179
- 97 Supraleitung in Fullerenverbindungen. **1996**, 181-196
- 96 The Growth and the Death of Carbon Fullerenes and Nanotubes. **1996**, 405-422
- 95 Local Density Calculation of the Optical Properties of Insulators. **1996**, 189-222

94 De Gruyter. **1996**, 1, 91-101

93 Molekülschwingungen von Fulleriten. **1996**, 197-213

92 Fullerene und Fullerite, neue Formen des Kohlenstoffs. **1996**, 7-28

91 De Gruyter. **1996**, 1, 147-155

90 Preparation of C60 single crystalline thin film by ionized cluster beam deposition and ion implantation into single crystalline C60 thin film. **1996**, 94-98

89 Routes to High Tc Molecular Superconductors. **1996**, 249-262

88 Photoemission and Optical Properties of C60 Fullerenes. **1996**, 515-529

87 Superconductivity in Alkali Fullerenes. **1996**, 503-514

86 Clusters and Cluster Reactions. **1996**, 123-151

85 METAL-COATED FULLERENES. **1996**, 169-180

84 Electronic Structure of Fullerenes and Fullerenes. **1996**, 491-501

83 Photoemission study of K- and Sc-doped C84. **1996**, 457-460

82 Low-Temperature Electrochemistry at High-Tc Superconductor/Ionic Conductor Interfaces. **1996**, 107-166 1

81 Site Symmetry in Permutation Inversion Symmetry Groups of Nonrigid Crystals. **1997**, 251-267

80 FT-IR and Raman Spectroscopy of C58BN. **1997**, 271-273

79 Introduction to Electron Materials. *Springer Series in Materials Science*, **1998**, 3-6 0.9

78 Electric and Magnetic Properties. **1998**, 175-190

77 Superconductivity in Doped C60 Compounds. **1998**, 155-172 0

- 76 Structural Peculiarities in Fullerene Crystals. **1999**, 1-27
- 75 Organic Lower-Dimensional Crystalline and Monolayer Conductors. **1999**, 317-348
- 74 Dehydrogenation of Polyacetylene at High Static Pressure. *Physics and Chemistry of Materials With Low-dimensional Structures*, **1999**, 93-116
- 73 Synthesis and Properties of Novel Functional Fullerene Derivatives. **1999**, 331-337
- 72 Optical and Electrical Properties of C60, C70, Nanotubes and Endohedral Fullerenes. *Springer Series in Materials Science*, **1999**, 363-392 0.9
- 71 Mobility of Carbon Nanomaterials in Soil Media. *Daehan Hwanggyeong Gonghag Hoeji*, **2014**, 36, 588-595 0.6
- 70 Introduction. *Springer Series in Materials Science*, **2015**, 1-5 0.9
- 69 First-principles study of electron-phonon coupling and superconductivity in compound Li2C2. *Wuli Xuebao/Acta Physica Sinica*, **2015**, 64, 214701 0.6 1
- 68 Carbon Allotropes and Fascinated Nanostructures: The High-Impact Engineering Materials of the Millennium. **2015**, 2-27
- 67 Fullerenes, Higher Fullerenes, and their Hybrids. 1-45
- 66 Amorphe Festkörper; Flüssigkeiten, Flüssigkristalle und Cluster. *Springer-Lehrbuch*, **2016**, 481-503 0.4
- 65 Research Progress of Aromatic Superconductor. *Advances in Condensed Matter Physics*, **2016**, 05, 37-44 0.1
- 64 Introduction to Superconductivity in Alkali-Doped Fullerides. *Springer Theses*, **2016**, 1-29 0.1
- 63 Fullerenes. **2017**, 41-74
- 62 Graphene and Fullene Clusters. *Advances in Chemical and Materials Engineering Book Series*, **2017**, 569-599 0.9
- 61 Conclusion. *Springer Theses*, **2018**, 115-119 0.1
- 60 Electron Correlation Effects in Theoretical Model of Doped Fullerides. *Springer Proceedings in Physics*, **2018**, 73-88 0.2 2
- 59 CHAPTER 3: Synthesis of Organic Thermoelectric Materials. *RSC Energy and Environment Series*, **2019**, 65-116 0.6 0

- 58 Electrochemical Charging of Nanocarbons: Fullerenes, Nanotubes, Peapods. **2004**, 51-62
- 57 Amorphe Festkörper; Flüssigkeiten, Flüssigkristalle und Cluster. **2005**, 491-514
- 56 Structural and electronic properties from first-principles. **2007**, 85-108
- 55 T-carbon: Experiments, properties, potential applications and derivatives. *Nano Today*, **2022**, 42, 101346 ^{17.9} 6
- 54 Superatoms as Building Blocks of 2D Materials. **2021**, 209-255
- 53 Magnetic properties of a fullerene-like X20 structure with embedded metal atom. *Physica Scripta*, **2021**, 96, 125858 2.6
- 52 Atomically dispersed cobalt anchored on N-doped graphene aerogels for efficient electromagnetic wave absorption with an ultralow filler ratio. *Applied Physics Reviews*, **2022**, 9, 011402 17.3 13
- 51 Our Road to Fullerenes: A Personal Account. **2021**, 1-13 0
- 50 Cluster-based Materials for Energy Harvesting and Storage. **2021**, 277-316
- 49 Heterospin frustration in a metal-fullerene-bonded semiconductive antiferromagnet.. *Nature Communications*, **2022**, 13, 495 17.4 0
- 48 Tuning the electronic states and superconductivity in alkali fulleride films. *AAPPS Bulletin*, **2022**, 32, 1 0
- 47 Enhanced superconductivity in C-S-H compounds at high pressure. *Physical Review B*, **2022**, 105, 3.3
- 46 Superconductivity in Nonstoichiometric Rubidium-Doped C60. *Journal of Physical Chemistry C*, **2022**, 126, 2912-2919 3.8 1
- 45 Exciton and fermion-pair condensation at non-zero temperature.. *Journal of Physics Condensed Matter*, **2022**, 1.8 0
- 44 Pressure effects on the crystal structure of the cubic metallofullerene salt [Li@C60][PF6] to 12 GPa. *Materials Today Communications*, **2022**, 103275 2.5
- 43 Recent advances in n-type organic thermoelectric materials, dopants, and doping strategies. *Journal of Materials Chemistry C*, 7.1 4
- 42 Synthesis, crystallographic characterization, and potential application of fullerene anisole derivatives as nitrocellulose stabilizer. *Defence Technology*, **2022**, 3 1
- 41 Cluster- and energy-separated extreme states in a synthesized superatomic solid. *Physical Review B*, **2022**, 105, 3.3

40	Enhancement of the mechanical and thermal transport properties of carbon nanotube yarns by boundary structure modulation.. <i>Nanotechnology</i> , 2022 ,	3.4	1
39	A First-Principles Investigation of Lithium and Sodium Ion Diffusion in C60 Molecular Solids. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 4259-4266	3.8	0
38	Sub-Band Filling, Mott-like Transitions, and Ion Size Effects in C Single Crystal Electric Double Layer Transistors.. <i>ACS Nano</i> , 2022 ,	16.7	0
37	Orientalional ordering and electron-phonon interaction in K3C60 superconductor. <i>Carbon</i> , 2022 , 195, 1-8	10.4	1
36	Superconductivity in the Layered Cage Compound Ba3Rh4Ge16. <i>Chinese Physics Letters</i> , 2021 , 38, 127402.8		1
35	Type-II Dirac cones and electron-phonon interaction in monolayer biphenylene from first-principles calculations. <i>Physical Review B</i> , 2021 , 104,	3.3	3
34	Data_Sheet_1.PDF. 2019 ,		
33	Improving Tc in sodalite-like boron-nitrogen compound M2(BN)6. <i>Materials Today Physics</i> , 2022 , 25, 100699		0
32	Helium Droplet Mass Spectrometry. <i>Topics in Applied Physics</i> , 2022 , 67-153	0.5	1
31	Characterization of Carbon Nanostructures by Photoelectron Spectroscopies. <i>Materials</i> , 2022 , 15, 4434	3.5	1
30	Dissociation mechanism of a C60-Li+ complex by microscopic hydration: density functional theory study. <i>Japanese Journal of Applied Physics</i> ,	1.4	
29	Eliashberg theory of the Jahn-Teller-Hubbard model. <i>Physical Review B</i> , 2022 , 105,	3.3	0
28	Chemical synthesis and materials discovery. 2022 , 1, 514-520		1
27	Electrostatic properties of two-dimensional C60 polymer thin films under an external electric field. <i>Japanese Journal of Applied Physics</i> , 2022 , 61, 075004	1.4	
26	Ab initio study of nitrogen and boron doped dimers. <i>Molecular Physics</i> ,	1.7	
25	Carbon Nanomaterials: Fullerene to Graphene.		1
24	Iron in Endometallofullerenes. 2022 , 23,		0
23	Variation of the critical temperature with the lattice parameter in K3C60. 2022 , 199, 181-188		1

- 22 Our Road to Fullerenes: A Personal Account. **2022**, 3-15 ○
- 21 Superconductivity. **2022**, 969-987 ○
- 20 Superconductivity. **2022**, 1-19 ○
- 19 Superatom Molecular Orbitals of Li@C60: Effects of the Li Position and the Substrate. **2022**, 126, 15891-15898 ○
- 18 Magnesium Doping Enhances Thermal Conductivity of Polymerized Fullerene Crystals. ○
- 17 Full set of superconducting parameters of K3C60. **2022**, ○ 2
- 16 Clusters of Fullerenes: Structures and Dynamics. ○
- 15 $s-d$ wave multiband Eliashberg theory for the iron pnictides. **2022**, 603, 1354160 ○
- 14 Experimental and computational physics of fullerenes and their nanocomposites: Synthesis, thermo-mechanical characteristics and nanomedicine applications. **2023**, 996, 1-116 ○
- 13 The Materials Science of Modern Technical Superconducting Materials. **2022**, 123, 839-868 ○
- 12 Modern methods of obtaining iron endofullerenes. **2022**, 14(29), 193-212 ○
- 11 State-of-the-art of polymer/fullerene nanocomposites in biomedical field. **2023**, 211-250 ○
- 10 Clusters. **2023**, 609-623 ○
- 9 Infinitene as two fused helicoidal trails of fused rings: evaluation of the magnetic behavior of [12]infinitene and anionic species displaying global aromaticity and antiaromaticity. **2023**, 25, 8190-8197 ○
- 8 Direct evidence of high T_c superconductivity in glossy carbon films. **2023**, 341, 134229 ○
- 7 Electronic Structure Calculations on Endohedral Complexes of Fullerenes: Reminiscences and Prospects. **2023**, 28, 1384 ○
- 6 Ultrafast Dynamics of Solid C60. **1992**, ○
- 5 Principles of isomer stability in small clusters. **2023**, 4, 1746-1768 ○

- 4 Organic quantum materials: A review. ○
- 3 Infrared ellipsometry study of the charge dynamics in K3p -terphenyl. **2023**, 107, ○
- 2 Quasi-liquid composites based on poly(ethylene terephthalate) films with fullerene and dichlorobenzene. **2023**, 33, 259-260 ○
- 1 Superconductivity and correlated phases in non-twisted bilayer and trilayer graphene. ○